SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) CORPUS C--ETC(U) AD-A067 679 NL UNCLASSIFIED | OF **4**/2 ADB76 ⊕



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DISTRIBUTION STATEMENT A

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18. SUPPLEMENTARY NOTES			*
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19. KEY WORDS (Continue on reverse side If necessary and identity by block number)
Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Corpus Christi, Texas

20. ABSTRACT (Continue on reverse side if necessary and identity by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/ Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

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SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

	ON SUMMARY.	Corpus Christi, Texas	s	27°	41'N	97°17'W	STATION ELEV (FT)	CALL SIGN KNGP	722	
		STATION LOCATION	A NC	ND IN	ISTRU		TION H	ISTORY	,	
MBER BARQ		GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOC	ATION TO	LATITUDE	LONGITUDE	ELEVATION AB	OVE MSL	OBS PEP DAY
1. 2. 3.	hangar Weather hangar Weather hangar	#58 service office, main deck #58 service office, main deck # 58	Navy	1945 1960 1970 1970	1960 1970 1976	27°41'N " "	97°17'W	34 19 19 Above Gre	fercurial	24 24 24 24
MBER	DATE	SURFACE WIND E	DUIPMENT INCOR	MATION						
OF CATION	OF CHANGE	LOCATION	301 4241 141 01	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADD	ITIONAL EQUIPMENT, O	R REASON FOR CHAN	GE
*1. *1a. 1b. 2b.	1949 1949 1954 1961	Atop control tower roof Atop hangar # 58 Atop control tower roof Between runway 13R-31L and yankee, 5300 feet west north of the operations building, hangar 58	Selsyn 3 cup UMQ-5C UMQ-5C	Double registe RD-108 RD-108	67'	* Date equi 1. Marine b 2. Auto Met 3. Cloud he 4. Transmis 5. Radar (A 6. Weather 7. GOES (92 8. Radar re	parograph station (eight set (eight set (AN/FPS-106)) vision (AN/FPS-106)	(AN/GMQ-29 (AN/GMQ-13 AN/GMQ-100) N/GMQ-27))) 3) 5)	
	, Federal	hangar 58					8. Radar re		em (AN/GMF	1-6(V

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

- 1. Ten years of data will be used as the standard period of record (POR).
- 2. All available data will be used for extreme values.
- Summarize (update) every five years.
- a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
- b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
- c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
- d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

<u>DESCRIPTION</u>: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

<u>cOMMENT</u>: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building Asheville, N. C.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

<u>Percentage of observations with precipitation</u> - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WRAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949.

Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

12926	CORPUS	CHRISTI,	TEXAS	73-
STATION		ST	ATION NAME	

3-77 YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00	•6	14.8				14.8	27.1	,6			27.1	155
	03		18.1				18.1	31.0				31.0	155
	06	1.3	21.3				21.3	31.0				31.0	155
	09		18.7	.6	.6		20.0	45.2	2,6			46,5	155
	12		13.5				13.5	23.9	5,8			29.0	155
	15		14.8				14.8	19.4	4,5			22.6	155
	18		10,3				10.3	22.6	4,5			26,5	155
	21		20.0				20,0	22,6	1.3			23,9	155
TOTALS		.2	16.4	.1	.1		16.6	27.9	2,4			29,7	1240

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CORPUS CHRISTI, TEXAS

73-77

YEARS

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PERCENTAGE FREQUENCY OF DECURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00		7.8		.7		7.8	17.0	1.4			17.7	141
	03		5.4		.7		7.1	17.7	1.4			18,4	141
	06		9.2				9,2	22.0	2.1			23.4	141
	09		9,9				9,9	26.2	9,9		.7	34.8	141
	12		6.4				6.4	13.5	13,5			24,8	141
	15		7.1				7.1	7.1	9,9			17.0	141
	18		6.4				6.4	9.9	11.3			20,6	141
	21		7.8				7.8	12.1	2,8			14,2	141
TOTALS			7.6		.2		7.7	15.7	6.5		.,	21.4	112

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CORPUS CHRISTI TEXAS

73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00	1.9	6.5				6,5	25.8	1.3		,6	27.1	155
	03	•6	7.7				7.7	25.8	,6		,6	26.5	155
	06	,6	9.0				9.0	26.5			,6	27.1	155
	09	.6	14.8				14.8	45.8	8,4		1,3	51.0	155
	12		9.7				9,7	18,1	16,8		1,3	34.8	155
	15	.6	5.2				5,2	8,4	21.3		1,3	29.7	155
	18		4.5				4,5	16.1	21.9		1.3	34.8	155
	21		3.9				3,9	20.0	5,8		,6	25,8	155
		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2											
TOTALS		.5	7.7				7.7	23,3	9,5		1.0	32.1	1240

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WEATHER CONDITIONS JAN 68

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12926 STATION CURPUS CHRISTI, TEXAS

73-77

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00	1.3	4.7				4.7	18.7	8.0		.7	24.0	150
	03	1.3	6.7				6.7	24.7	4,7			28.0	150
	06	.7	5.7				6.7	42.0	11,3			46,7	150
	09	2,7	11.3				11.3	25.3	21,3			42.7	150
	12	2.0	4.0				4.0	3.3	26,7			28,7	150
	15	3.3	5.3				5,3	5,3	26.0			31.3	150
	18	1.3	4.0				4.0	10.0	32,7		,7	39.3	150
	21		3.3				3,3	22.0	15,3		.7	32.7	150
								6		(1E)	4		
TOTALS		1.6	5,8				5.8	18.9	18.3		,3	34,2	1200

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12926	CORPUS CHRISTI, TEXAS	73-77	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00	.6	2.6				2.6	5.8	5.8			10.3	155
	03	1.3	2.6				2.6	9.0	3,9			10,3	155
	06	2.6	4.5				4,5	29.0	12.9			36,8	155
	09	2.6	5,2				5,2	8,4	20.0		,6	22,6	155
	12	3,2	5,2				5,2	2.6	18.1			20.0	155
	15	1.3	3,2				3,2	1,3	18,7			19,4	155
	18	.6	3.2				3,2	1.3	23,2			23,9	155
	21	1.3	1.3				1.3	5,2	12,9			17,4	155
TOTALS		1.7	3.5				3,5	7.8	14.4		,1	20.1	1240

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CORPUS CHRISTI, TEXAS

73-77

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JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00	.7	2.7				2.7	.7	4.7			4.7	150
	03	1.3	2.7		*		2.7	1.3	4.0			4.7	150
	06	2.7	3,3			•	3,3	12.7	13,3			24,7	150
	09	3.3	4.7				4.7		12.0			12.0	150
	12	1.3	6.0				6.0	,7	8,7			9,3	150
	15	1.3	7,3				7,3	.7	9,3			10.0	150
	18	.7	3,3				3,3		10.0			10.0	150
	21		3.3				3.3	.7	6.0		1-	6.7	150
TOTALS		1.4	4.2				4.2	2.1	8,5			10.3	1200

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CORPUS CHRISTI, TEXAS

73-77

YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00		4.5				4.5	.6	,6			1.3	155
	03	1.3	2.6				2.6		,6			.6	155
	06	1.9	4.5				4,5	7.7	11,6			18.1	155
	09		6.5				6.5	2.6	5,8			7.7	155
	12	1.9	4.5				4.5	1.3	6.5			7.7	155
	15		3,2			H .	3,2	.6	6.5			7.1	155
	18		1,9				1.9	1.3	8,4			9.7	155
	21		3,2				3,2	.6	3,9			4.5	155
							,						
TOTALS		.6	3,9				3.9	1.6	5,5			7.1	1240

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12926 CURPUS CHRISTI, TEXAS

73-77

YEARS

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PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00		1.3				1.3	.6	2,6			2.6	155
	03	1.3	6.5				6,5	.6	1.9			1.9	155
	06	5.8	3.9				3,9	3.9	6,5			9,0	155
	09	2.6	7.1				7.1	7	6,5			6,5	155
	12	3,9	5.8				5,8		6,5			6,5	155
	15	.6	4.5				4,5		4,5			4,5	155
	18		1.3				1.3		7,1			7.1	155
	21		1.3				1.3		3,2			3,2	155
									150				
TOTALS		1.8	4.0				4.0		4.9			5.2	1240

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12926 STATION CORPUS CHRISTI, TEXAS

73-77

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PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00	3,3	4.0				4.0	. 7	3,3			4.0	150
	03	7.3	8.7				8.7	.7	2.7			3,3	150
	06	6.0	11.3				11.3	3,3	6.7			8.0	150
	09	3,3	10.0				10.0	2.7	11.3			14.0	150
	12	.7	6.7				6.7	2.7	10.0			12,7	150
	15	2.7	4.0				4.0		9,3			9,3	150
	18	.7	2.0				2.0		8,7			8.7	150
	21		1.3				1.3	-	5,3			5,3	150
TOTALS		3.0	6.0				6.0	1.3	7.2			8.2	1200

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12926	CORPUS CHRISTI, TEXAS	73-77	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ост	00	.6	6.5				6.5	1.9				1.9	155
	03	2.6	8.4				8.4	5.2	.6			5.8	155
	06	3.2	7.1				7.1	5.8	,6			6.5	155
	09	1.9	8.4				8.4	10.3	12,3			20.6	155
	12		4.5				4.5	3.9	6,5			9.0	155
	15		5.2				5,2	1.9	4,5			5,8	155
	18	0.6	3,9				3,9	2.6	5,2			6,5	155
	21	•6	5,8				5,8	1.3				1.9	155
TOTALS		102	6,2				6.2	4.1	3.8			7.3	1240

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12926	CORPUS CHRISTI, TEXAS	73-77	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00		4.7				4.7	10.0	•7			10.0	150
	03	.7	8.7				8.7	18.0	,7			18.7	150
	06		6.7				8,7	19.3	1.3			20.7	150
	09	.7	6.0				6.0	16.0	10.0			25,3	150
	12	.7	9,3	.7			9,3	11.3	6.0			16,0	150
	15		5,3				5,3	7,3	5,3			12.0	150
	18	.7	7,3				7,3	8,0	9,3			17.3	150
	21	•7	5.3				5,3	8.0	3,3			10.7	150
TOTALS		.4	6.9	.1			6,9	12.2	4,6			16,3	1200

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 68

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12926 STATION

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CORPUS CHRISTI, TEXAS

73-77

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00		8.4				8.4	12.9	.6			13,5	155
	03		8.4				8.4	17.4				17.4	155
	06		9.0				9.0	20.0			.6	20.6	155
	09	.6	10.3				10.3	24.5	2,6		.6	27.1	155
	12		10.3				10.3	13.5	5,8			18,7	155
	15	.6	7.7				7.7	9.7	1.3			11.0	155
	18		9.7				9.7	12.9	5,8			18.1	155
	21		9.0				9.0	11.0	1,9			12,3	155
TOTALS		•2	9.1				9.1	15.2	2.3		.2	17.3	1240

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5701 WEATHER CONDITIONS JAN 68

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DARPHIGISTER CO.

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12926 STATION CORPUS CHRISTI, TEXAS

73-77

YEARS

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	•2	16.4	-1	.1		16.6	27.9	2.4			29.7	1240
FEB			7.6		.2		7.7	15.7	6,5		.1	21.4	1128
MAR		.5	7.7				7,7	23.3	9,5		1.0	32.1	1240
APR		1.6	5,8				5,8	18.9	18,3		,3	34.2	1200
MAY		1.7	3,5				3,5	7,8	14.4		.1	20.1	1240
JUN		1.4	4.2				4.2	2.1	8,5			10.3	1200
JUL		.6	3.9				3,9	1.8	5,5			7.1	1240
AUG		1.8	4.0				4.0	.6	4,9			5,2	1240
SEP		3.0	6.0				6.0	1.3	7.2			8.2	1200
OCT		1.2	6,2				6,2	4.1	3,8			7.3	1240
NOV	41.4	.4	6,9	•1			6.9	12.2	4,6			16.3	1200
DEC		.2	9.1				9.1	15.2	2,3		,2	17.3	1240
TOTALS		1.0	6.8	.0	.0		6.8	10.9	7,3		.1	17.4	14608

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 68

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WEATHER CONDITIONS ATMOSPHERIC PHENDMENA

5701

ALL

12926

CORPUS CHRISTI, TEXAS

49-77

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY DESERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2,3	44.4	.7	.6	.2	44.7	51.1	22.3		.8	56.8	898
FEB		3,3	40.0	.1	. 5		40.0	43.6	21.2		2.0	52.7	819
MAR		4.4	41.9		.2		41.9	47.7	28,5		3.0	56.5	868
APR		9.2	37.8			.6	37.8	42.9	39.1		1.8	56.6	870
MAY		14.3	33,3				33.3	16.1	26,9		,5	33.3	861
JUN		10.8	29.3			.1	29.3	5.0	10.8			12.9	840
JUL		6.2	20.9				20.9	2.8	5,6		.1	7,5	899
AUG		12.3	27.2				27.2	2.5	6,8			7.8	868
SEP		19,5	44.9				44.9	4,3	11,7			14.2	840
OCT		9.1	33,6				33.6	19.0	13,5		,2	20.6	898
NOV		3,6	31.8	.1	. 2		31.8	28.5	15,3		.2	34.1	870
DEC		2.1	40.6	.1	.1		40.6	40.6	19.1		,6	47.1	866
TOTALS		8.1	35,5	.1	.1	.1	35.5	24.8	18,4		,8	33.3	10405

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WEATHER CONDITIONS JAN 68 8438

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STER COMPANY. BARK

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12926 CORPUS CHRISTI, TEXAS

JAN 73 - DEC 77

JANUARY

ALL

HOURS (L.S.T.)

MARK

WEATHER JAN 68

5708 % FREQ. WIND DIR.

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	SAND AND DUST	NO WEATHER
N	9.2	2.6	17.0	.4					26.6	.9				61.
NNE	14.3	3.4	4.2					. 8	25,2		4.2			63.
NE	11.3		9.4						35,8	1.9	5.7			54.
ENE	8,5		2.1				-		19.1	2.1	10.6			70.
E	2.2		2.2						22.2		6.7			71.
ESE	3,4		1.7						20.7	3,4	1.7			70.
SE	4.2	. 8	4.2						22.7	.8	1.7			74.
SSE		1.6	2.4						25.8	1.6	2.4			68.
s	1.7		1.7						23.7		5.1			69.
ssw	6.3		6.3						31.3	12.5	6,3			56.
sw			5.6						27.8	16.7	5,6			50.
wsw	10.0								10,0					90.
w	11.5	3.8	19.2						46.2	3.8				42.
WNW	3.2	3.2	16.1					3.2	38,7		3,2			51.
NW	9.2	2.6	14.5			1.3		1.3	25.0	3,9	1.3			60.
NNW	9.0	. 8	15.6						27.0	. 8	. 6			64.
VARIABLE														
CALM	><	><	>	><	><	><	><	><	NO.	>	><	$>\!\!<$	><	>
TOTAL	81	18	108	1		1		3	321	24	30			80
% TOTAL	6,5	1.2	8.7	.1		.1		.2	25.9	1.9	2.4			65.

NAVWEASERVCOM

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12926 CDRPUS CHRISTI, TEXAS JAN 73 - DEC 77 FEBRUARY ALL
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	3.0	.7	7.4						12.6	.7	6.7			77.0
NNE	12.2	3.7	8.5						14.6	4,9	11.0			62.
NE	12.5	2.1	12.5						20.6	10.4	12,5			50.0
ENE	5,9		9.8						19.6	2.0	17.6			58.
Ε	6.5		4.3						6.5	2.2	8.7			82.0
ESE	1.0								10.0	3.0	6.0			81.0
SE	1.1								10.6	2.1	4.8			84.0
SSE	1.4		3.4						16.6		6.2			80.0
S	1.2		2.4						15.9	1.2	7.3			75.0
ssw	5.9									5.9				100,0
sw														100.0
wsw		11.1							11.1					88.
w														100.0
WNW	8.3				8.3				12.5					79.
NW	2.2		2.2						11.1	2,2	6,7			80.0
NNW	1.2	1.2	10,5						22.1	1.2	3,5			69.
VARIABLE														
CALM	><	><	>20	><	><	><	><	><	>6	>40	>	><	><	No.
TOTAL	37	7	46		2				151	26	74			864
% TOTAL	3,3	.6	4.3		.2				13.4	2.3	6,6			76.

	1 100
TOTAL NUMBER OF OBSERVATIONS	1,128

NAVWEASERVCOM

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WEATHER JAN 68

5708 % FREO. WIND DIR.

Hers

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MARCH ALL

HOURS (L.S.T.)

12926 CURPUS CHRISTI, TEXAS

JAN 73 -- DEC 77

MARC

BLOWING SAND AND DUST FREEZING RAIN FREEZING DRIZZLE SNOW
" GRAINS
" PELLETS
" SHOWERS SLEET " SHOWERS ICE FOG GROUND FOG HAIL RAIN BLOWING SMALL SMOKE NO RAIN DRIZZLE THUNDER FOG DIRECTION SHOWERS CRYSTALS HAZE HAIL SNOW WEATHER 13,1 4.0 7.1 5. 7.1 4.1 8.2 2.0 70.7 2.7 8.2 9.7 4.1 73.0 NNE 4.1 67.3 NE 23.6 4.2 1.4 5.6 65.3 ENE 27.8 9.7 2.1 E 6.3 61.1 . 20.8 9,6 6.0 1.6 65.0 ESE 63.5 2.3 1.4 . 9 . 9 SE 22,0 28,6 . 6 .6 1.8 6.3 14.7 1.1 . 6 62.1 SSE 14.3 50.0 1.8 3.6 S 25.0 6.3 6.3 62.5 SSW 20.0 40.0 sw 14.3 85.7 WSW 88,9 11,1 w 2.6 11.1 88.9 WNW 8,3 2,8 86.1 2.8 NW 3,4 3,4 5. 27.1 67.8 6.8 NNW VARIABLE 1 CALM 810 TOTAL

. 6

22,3

1.0

TOTAL NUMBER OF OBSERVATIONS 1,240

9.5

NAVWEASERVCOM

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% TOTAL

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WIND DIR. WENTHER J

5708 % FREQ. W

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

CORPUS CHRISTI, TEXAS 12926 JAN 73 - DEC 77

WIND	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	SAND AND DUST	NO WEATHER
N	5.1	1.3	3.8						14.1		6.4			76.9
NNE	2.0	2.0	8.2					4.1	14.3		4.1			73.5
NE	3,9		3.9					2.0	19.6		13.7			58.6
ENE	2.9	2.9	4.4					2.9	13.2	1.5	7.4			76.
E	1.3	3.4	2.0					3.4	11.4	4.7	11.4			69.8
ESE	. 4	1.5						. 4	14.6	2,6	28,8			58.4
SE	. 8	1.2	1.2					. 4	21.0	3,6	29.8			51.2
SSE		2.5	2.5					1.7	24.2	. 8	21.7		.8	55.1
s		2.8							19.4		5.6			72.2
ssw		12.5						12.5	50.0					50.0
sw														100.0
wsw	12.5								12.5					75,0
w		20.0						20.0	20.0		20.0			60.0
WNW		33.3						16.7	16.7					50.0
NW	3.7	3.7	3,7					3.7	11,1					85,2
NNW	2.4		2.4					2.4	7.3					90.2
VARIABLE														
CALM	$\geq <$	><	><	><	><	><	><	><	>4	अध्य	><	><	><	MA
TOTAL	17	29	23					19	198	29	219		1	763
% TOTAL	1.4	2.4	1.5					1.6	16.5	2.4	18.3		.1	63.6

1,200 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

5708 % FREG. WIND DIR. WWEATHER JAN 68

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CORPUS CHRISTI, TEXAS 12926 STATION

JAN 73 - DEC 77

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6708 % FREG. WIND DIR. WENEATHER JAN 68

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N		7.2						2.9	4.3		4.3			85.5
NNE		12.8						2.6	2.6		10.3			79.5
NE		6.3	2.1					2.1	4.2	2.1	6,3			83.3
ENE		7.5						5.7	7.5		22.6			67.9
E		2.9	1.4					2.2	7.2	.7	14.4			77.7
ESE		1.9						.9	7.5	,9	23.1			70.8
SE		1.6	• 3					. 9	4.9	1.2	18.7			76.4
SSE		.6							7.3	1.7	8,9			83.2
s			1.6						12.9	3.2	4,5			82.3
ssw											33,3			66.7
SW	14.3													85.7
wsw		12.5						12.5	12.5					75.0
w								10.0		10.0				80.0
WNW										12,5	12.5			75.0
NW		5.9						11.8	17.6		17.6			70.6
NNW	3.4								3,4		3,4			86.2
VARIABLE														
CALM	><	>6	><	\sim	> <	><	><	>47	>	>10	>60	><	> <	THE
TOTAL	2	36	5					21	81	16	179			962
% TOTAL	.2	2.9	.4		1			1.7	6,5	1.3	14.4			77.6

TOTAL NUMBER OF OBSERVATIONS

1,240

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12926 CORPUS CHRISTI, TEXAS JAN 73 - DEC 77 JUNE ALL
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	11.1	13.9						2.8			5.6			69,4
NNE	6.1	15.2					-	3.0	3.0		9.1			62.
NE	2.6	5.1						5.1			7,7			82.1
ENE	7.5	5.7									9.4			77.4
E	. 8	2.4							. 8	1.6	8.7			85.8
ESE	, 9	3.8						1.9	. 9	.5	4.7			88.7
SE								.6	. 6	1.2	9,8			88.7
SSE									1.0	,5	10.4			75.0
S		5.0						1.7	5.0	1.7	15.0			75.0
ssw														100.0
sw														100.0
wsw		33.3						22.2						66.
w		9.1						18.2	9.1					72.7
WNW		20.0				4		20.0						80.0
NW								14.3		14.3				72.7 80.0 85.7
NNW	12,5								12.5		12.5			75.0
VARIABLE														
CALM	><	>	><	><	><	><	><	><	>27	>	>	><	><	
TOTAL	15	35						17	14	11	102			1025
% TOTAL	1.3	2.9						1.4	1.2	.9	8,5			85.4

MEATHER JAN 68

5708 % FREO. WIND DIR.

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

CORPUS CHRISTI, TEXAS JAN 73 - DEC 77

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N		28.6						57.1						42.
NNE		7.7												92.
NE	13.3	13.3						6,7	6.7					66.
ENE	8.3	25.0							8.3					66.
E	4.8	4.8							2,4	1.2	6.0			83.
ESE	. 8	3.2						. 4	1.6		5,9			89.
SE	.3	. 8						. 3	1.4		6.7			91.
SSE	. 8	.4								. 8	7.3			90.
s	.7	.7	•	7					1.4	.7	2.8			94.
ssw										4.3				95,
SW														100.
wsw														100.
w														100,
WNW		50.0							50.0					50.
NW		50.0												50,
NNW	25.0													75.
VARIABLE														
CALM	>20	>20	><	><	> <	><	><	>40	><	>40	≥ ₹	$>\!<$	><	74
TOTAL	16	31		1				8	17	6	68			110
% TOTAL	1.3			1				.6	1.4	.5	3,5			89.

1,240 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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WEATHER JAN 68

5708 % FREG. WIND DIR.

0

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12926 CORPUS CHRISTID TEXAS JAN 73 - DEC 77 AUGUST ALL
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N								8,8		2.9	23.5			64.
NNE	6,9	10.3						10.3			13.8			65.
NE		4.9									19.5			75.6
ENE		5.6						1.9			13.0			61.
E	.7	5.3						3,3			8.0			81.
ESE		2.1						1.6			1.6			95.6
SE		1.1						.4			1.9			97.0
SSE	.4	2.2									2,2			95.1
S	. 9	4.4						.9	.9	.9	.9			93.0 85.0 92.1
ssw		10.0						5,0	5.0					85.0
SW		7.7												92.3
wsw														100,0
w	8.3								8,3	16.7	25.0			58.3
WNW		20.0						20.0			20.0			60.0
NW								16.7			16.7			66.
NNW		20.0						10.0			10.0			70.0
VARIABLE														
CALM	><	>60	><	><	><	><	$\geq \leq$	> ₹	>	><	> ₹	><	><	700
TOTAL	6	43						22	4	4	60			1117
% TOTAL	.5							1.8	.3	.3	4.8			90.1

TOTAL NUMBER OF OBSERVATIONS _______ 1,240

NAVWEASERVCOM

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WEATHER JAN 68

5708 % FREQ. WIND DIR.

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CORPUS CHRISTI, TEXAS

JAN 73 - DEC 77

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	\$MOKE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	1.0	4.8						2.9	1.0		7.6			86.
NNE.	4.4	6.6						3.3	2.2		16.5			71.4
NE		8.9						5.4	1.8		16.1			73.
ENE	1.9	3.8						3.8			9.4			84.
E	1.5	3.7						4.4	1.5		11.8			79.
ESE	.7	.7						.7	.7		11.8			85.
SE	1.2	1.2						.6		.6	4.9			92.0
SSE	.7	3.5						2.8			1.4			93.
S		6.1			T. Carlotte			2.4						93.
ssw		8.0						12.0	4.0					84,
SW	11.1	11.1						11.1						77.
wsw		10.0												90.0
w	7.7	7.7						3,8	3.8		3,8			80.
WNW		28.6						14,3	14.3		7.1			64.
NW		13.3						5.7						86,
NNW		7.7							2.0		7.7			82.
VARIABLE														
CALM	><	> ₹0	><	><	><	><	><	>42	><	> ₹	> रि	><	><	7
TOTAL	. 16	56						36	13	2	86			102
% TOTAL	1,3	4.7						3.0	1.1	. 2	7.2			85.0

1,200 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

BREE

6708 % FREG. WIND DIR. WWEATHER JAN 68

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CORPUS CHRISTI, TEXAS 12926 STATION

JAN 73 - DEC 77

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	SAND AND DUST	NO WEATHER
N	9.0	3.7	.7		1			2.2	7.5	.7	3.7			78.4
NNE	10.6		1.0					1.9	11.5	1.0	10.6			69.2
NE	1.7	8.6						5.2	5.2	1.7	8.6			77.6
ENE	1.5	7.4						2.9	1.5		4.4			86.8
E	1.7	1.7						.8	. 8		1.7			95.0
ESE		.7									2.1			97.2
SE		2.2								.5	1.6			96.2
SSE		2.6						. 9	. 9		1.7			96.5
S	2,9													97.1
ssw														100.0
sw											7.7			92.3
wsw										8.3	8,3			91.7
w														100,0
WNW	7.1	7.1						7.1	14,3	7.1	21,4			50,0
NW	2,6							2.6	5.1	7,7	5.1			79,5
NNW	9.8		2.4						4.9	2.4	3,7			81.7
VARIABLE	2													
CALM	><	><	><	><	><	><	><	>ন্	>	>4	>	><	><	>2200
TOTAL	38	37	4					15	37	14	46			1096
% TOTAL	3.1	3.0	.3					1.2	3.0	1.1	3,7			88.4

1,240 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

WEATHER JAN 68

tons

5708 % FREQ. WIND DIR.

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CORPUS CHRISTI, TEXAS 12926 JAN 73 - DEC 77

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	9.9	1.6	8.4					2.1	19.4		6,8			68.1
NNE	7.9	.9							14.9	1.5	7.9			74.6
NE	4.5	2.3							11.4		11.4			75.0
ENE		2.4							9,8		2,4			85,4
E	2.2		2.2						2,2	!	4,3			87.0
ESE									5.7		6,9			86.2
SE		1.2							3,6		1.8			92.
SSE	1.5	1.5							3.6	3	3.0			91.
s									8.2		1.2			88.
ssw		9.5									9,5			85.
sw		8.3												91.
wsw			10.0						40,0					60.0
w									8,3					83.3
WNW	8.3	4.2							25.0					66,
NW	7.1	4.8						2.4	21.4	2.4	4,8			73.1
NNW	3.2	2.1	4.2						18.9		3.2			75.0
VARIABLE														
CALM	><	><	><	><	><	><	><	><	M	>	>4	><	> <	74
TOTAL	41	20	22	,	ı			5	135	12	55			974
% TOTAL	3.4	1.7	1.6					.4	11.3	1.0	4.6			81.2

1,200 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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MEATHER JAN 68

5708 % FREO. WIND DIR.

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CORPUS CHRISTI, TEXAS 12926 JAN 73 - DEC 77

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	9.8	. 4	3.1					.4	12.9	1.8	.4			80.0
NNE	2.4		3.7						14.3		. 8			62,
NE	2.0	2.0	7.8						21.6		3.9			70.6
ENE	6.5		3.7						16,1					80.6
E	7.5								10.0		5.0			82.5
ESE	12.8								7,7	2.6				82.1
SE	5,3								14.9	1.1	5,3			79.8
SSE	2.1	.7	2.5					.7	8,6		2.1			87.5
s	2.6								8,6	2.6	5,2			84.
SSW	2.8								11.1	2.8	2,8			83,3
sw									11.8					88,2
wsw										7.7				92.3
w		4.2	4.2						20,8		4.2			70.
WNW	9.1								9,1					86,4
NW	10.3		4,4						14,7	2,9	1.5			72.1
NNW	12.0		8.3						19.4	1,9	2,8			66.7
VARIABLE														
CALM	>43	> ₩	>40		><	><	><	><	X	>4	>40	><	><	700
TOTAL	73	5	37					2	170	19	28			983
% TOTAL	5.9	.4	3.0					.2	13.7	1.5	2,3			79.3

1,240 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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WEATHER JAN 68

5708 % FREG. WIND DIR.

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CORPUS CHRISTI, TEXAS JAN 73 - DEC 77 12926 STATION

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	6.9	2.8	6.2	.1				1.7	13.6	.7	4,5			73.7
NNE	7.1	4.7	2.7					1.6	12.6	. 8	7.4			71.8
NE	4.2	4.7	4.0					2.0	13,4	1.4	9.9			69,4
ENE	3.6	4.4	2.3					1.6	9.9	.5	9,5			75.3
E	1.9	2.8	1.5					1.6	7.4	1.1	8,8			79.1
ESE	.7	1.6	.6					,6	6.9	1,1	11.2			80.0
SE	.7	1.1	. 4					.4	7.4	1.1	9,3			82,4
SSE	.6	1.2	• 9					. 4	8,0	,5	6,9		•1	83,8
s	. 9	1.7	• 8					. 5	8,7	1.4	4,6			83,6
ssw	1.5	3.9	1.0					2.9	9,3	2,4	2,9			82.0
sw	2,2	3.0	1.5					1.5	7.4	2.2	1.5			83.7
wsw	1.8	5,5	• 9					2.8	8,3	2.8	. 9			84,4
w	3.4	3.4	3.4					2,8	13,1	2.8	3,4			76,1
WNW	4.9	7.9	3.0		1.2			4,3	10,3	1.2	4,3			67.7
NW	5.1	3.5	4.3			. 3		2,5	13.7	2,8	3,5			74,9
NNW	6.1	1.8	7.0					.3	17.1	. 9	3.1			73.2
VARIABLE														
CALM	>\@	>40	>10	><	><	><	><	> <	MAC	> ₹	>	><	><	7 K
TOTAL	363	339	301	2	2	1		155	1417	176	1065		1	11537
TOTAL	2.5	2.3	2.1		.0	.0	- A VIVIO	1.1	9.7	1.2	7.3		•0	79.0

14,608 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

5708 % FREG. WIND DIR. VANEATHER JAN 68

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NWSD, Federal Building Asheville, N. C.

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION SNOWFALL* SNOW DEPTH DERIVED FROM DAILY OBSERVATIONS
DERIVED FROM DAILY OBSERVATIONS
DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
- 2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations From beginning of record thru 1945 Snow depth at 0800 LST

Jan 46-May 57 Snow depth at 1230 GCT

Jun 57-present Snow depth at 1200 GCT

U. S. Navy and Weather From beginning of record thru Jun 52 Snow depth at 0030 GCT Bureau Stations Jul 52-May 57 Snow depth at 1230 GCT Jun 57-present Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

CURPUS CHRISTI, TEXAS

45-77

						AM	OUÑTS (II	NCHES)						PERCENT		MONT	THLY AMO	DUNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	J
NOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS		merar	OREAREST	
MAL	55.7	19.1	4.0	7.9	3.4	5.0	2.5	1.4	.6	.3				25,2	992	1.57	12.60	.08
FEB	60.3	18,1	2.9	7,5	2.4	3,2	2,6	1.6	1.0	.3				21,6	875	1,64	7.50	TRACE
MAR	59.7	24,6	2.8	5.7	2.2	1,7	1.5	.9	.8					15,7	992	.94	4.69	TRACE
APR	63.3	20,3	2.1	3,5	2.4	2,5	1.6	2,3	1.5	.2	.1			10,4	990	2,00	5.73	.01
MAY	68.0	13,7	1.8	3,4	2.1	3,1	2.5	2.9	1.7	.6	. ?			18,3	961	3,01	15.75	.05
JUN	71.8	12,2	1.2	3,0	1.9	2,9	1.6	2.3	2.4	.6	.,			16,0	930	2,81	15.07	TRACE
JUL	79.1	8,2	.9	2.5	2.2	2.1	2.5	1,2	1.2	,2				12,7	1023	1,51	12.19	.00
AUG	72.1	7,5	2.1	3,7	2.0	3,7	2.8	3.0	2.5		.1			20,4	961	3,01	13,52	.04
SEP	54.9	11,8	3,1	6,8	3.8	5,4	4.6	4.1	4.1	1,2	:1	,1		33,2	930	5,55	20.70	.20
ост	66.4	10,8	1:8	4.0	2.5	4:0	3,2	3.6	3.1	.6				\$5.8	961	3,54	11.41	TRACE
NOV	67.6	12,4	3.6	4,0	1.9	4.0	2,6	1,9	2.0		:1			\$0.0	960	2,09	9.78	.01
DEC	59.6	19,5	3.7	5,8	2.7	3,2	2.7	2.0	.7					\$0,9	961	1,42	6.97	.02
ANNUAL	64.9	14.8	2.5	4,8	2.5	3.4	2.6	2,3	1.8	.4	.1	.0		20,3	11536	29,09	\times	X

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5722 Daily Amounts Jan. 1969

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CORPUS CHRISTI, TEXAS

45-77

5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

						AM	OUÑTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	.0205	.0410	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5.3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS			UNICATES!	
JAN	99.5	.4		, 1										,1	992	TRACE	.8	. (
FEB	99.6	.4													904	TRACE	TRACE	.0
MAR	99.9	,1													961	TRACE	TRACE	.(
APR-	100.0														990	.0	.0	.0
MAY	100.0														961	.0	.0	.0
JUN	100.0														960	.0	.0	.0
JUL	100.0														1023	.0	.0	• 0
AUG	100.0														992	.0	.0	.0
SEP	100.0														960	.0	.0	• 0
ост	100.0														961	,0	.0	• 0
NOV	99.8	,2													960	TRACE	TRACE	.0
DEC	99,9	,1													992	TRACE	TRACE	.0
ANNUAL	99.9	.1		.0										,0	11656	.0	X	X

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNUW DEPTH
(FROM DAILY OBSERVATIONS)

12926

CORPUS CHRISTI, TEXAS

YEARS

47-77

						AM	OUÑTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
NOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7.12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS		mean	OREATEST	LLASI
JAN	99.7	,3													930			
FEB	99.9	,1													848			
MAR	100.0														837			
APR	100.0														870			
MAY	100.0														837			
JUN	100.0														870			
JUL	100.0		9												899			
AUG	100.0														899			
SEP	100.0														840			
ОСТ	100.0											g			868			
NOV	100.0														870			
DEC	100.0														899			
NNUAL	100.0	.0												0.0	10467		X	X

NAVWEASERVCOM

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5722 Early Amounts Jan. 1969

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PRECIPITATION

2926

CORPUS CHRISTI, TEXAS

45-77

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
45				1.66	1.16	5,00	.85	5.13	.52	.94	,52	1.61	
46	.59	.54	1.57	2.05	1.67	1.61	.50	1.03	2.16	.70			
47	,52	.12	.56	.40	2.11	1.35	.03	1.77	.15	.50	1,41	.80	2.11
45	.64		.83	.86	.44	.84	.87	2.47	2.23		.13	.10	
49	.20	1.78		1.04			1.43			2,45	.03	.51	
50	.06	.46	.38	1.44	.58	1.12	.10	.04	1.70	TRACE	.01	.02	1.70
51	.26	.25	1.35	.40	.55	2,28	TRACE	.25	4.13	,36	.65		
52	.07	.32	.09	1.39		.13	1.27	.50	1.80	TRACE	1.68	.30	
53	.40	.51	.46	.72	.87	TRACE	.37	3.22	.22	2,76	.22	.36	3.22
54	.71	.01	.42	2.74	.51	2.11	.08	.54	1.17	1.15	.31	.19	2.74
55	1.19	1.03	.03	.01	.13	.11	.75	.90	12.23	1.67	1.04	,39	12.23
56	.11	.20	.34	1.66	.60	.12	.27	1.40	.88	1.03	.19	.08	1.60
57	.06	.96	1.12	.90	3.28	,86	.00	.50	.75		7.78	.21	
58	4.63	4.01	.33	.15	.74	.60	.81	1.48	2.66	2.00	1.46	1.78	4.6
59	.42	.69	.03	.61	1.44	3,67	1.50	2.66	1.22	2.77	.30	.57	3.6
60	.37	.61	.53	1.20	.74	2.06	.26	1.45	.57	4,28	1.19	2.31	4.21
61	.53	3.84	.03	1,59	.05	2,10	1.15	.86		.38	2,11	.29	
62	.02	.02	.86	.23	.97	1.80	.00	. 80	1.00	.90	1.17	2.16	2.10
63	.12	1.09	.05	.07	.29	3,00	.69	.16	.27	2.74	. 88	.16	3.00
64	. 45	.60	.13	.10	.69	.01	2.43	.14	3.60	.10	.25	1.48	3.6
65	.24	2.42	.13	.62	2.58	,39	.07	2.49	2.01	.91	1,33	1,10	2.5
66	.89	.41	.39	2.36	2.91	1.15	.54	.65	1.67	.77	.17	.15	2.9
67	1.21	2.06	.01	.06	.49	1,78	.44	2.93	5,28	2.37	. 36	.28	5.28
68	.79	.93	.36	.34	5.88	5.03	2.12	.12	1.23	.67	.66	.29	5.88
69	.29	1.13	.20	2.18	1.23	,42	.02	.91	.71	1,94	2,33	.45	2.3
70	.70	.69	1.01	.22	1.23	1.46	.93		2.46	1.35	.99	.33	
71	.08	.03	TRACE	1.65	1.72	,25	.23	2.13	3.37	2,43	.68	.98	3.3
72	.59	3.26	.92	5,30	2.01	2.88	1.61	2.72	4.29	1.20	1.62	.04	5,30
73	.50	.40	.17	.74	.77		.25	.93	4.08	2.51	1.43	.09	
74	. 53		1.47	-07	6.06	1.70	.28	1.12	1.06	1.51	1.75	.47	6.00
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

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5723 Extreme Values Jap. 1969

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PRECIPITATION

12926 STATION CORPUS CHRISTI, TEXAS

45-77

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
75 76	1.63	.80	.04	1.54	.88	1,47	2.96	1.09	3.16	1.58	.59	.63	3.16 2.96 2.75
77	1.13	.47	.51	2.75	.19	,26	. 34	.54	1.46	,93	1,84	.03	2.75
					* 1								
						+							
-		-									-		
		-									-		
										V D VEN			
						-							
											-		
MEAN S. D.	.624	1.087	.476	1.13	1.456	1.331	.75	1.35	2.22	1.48	1.13	.634	2,230
TOTAL OBS.	992	875	961	990	961	930	1023	961	930	961	960	961	11505

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5723 Extreme Values Jan 1969

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EXTREME VALUES

PRECIPITATION

12926

CORPUS CHRISTI, TEXAS

TEXAS 45

YEARS

24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
45			2.33										PRECIP
46											29	.30	PRECIP DAYS
48	•	2.05								30			PRECIP
52					1.35								PRECIP
57										.20			PRECIP
61									1.49				PRECIP
70								.75					PRECIP
73						2,29							PRECIP DAYS
1.00	a .	Berry (suc	on Marian	arenje kal	- 11 DES		The Specialist	To be special in	- 186 W	a tersia			
MEAN													
S. D													
OTAL OBS.													

SNOWFALL

12926

CORPUS CHRISTI, TEXAS

45-77

ARS

COL

5223 Extreme Values Jan 1969

101

101

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24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
45				,0	.0	.0	.0	.0	.0	.0	.0	.0	
46	.0	.0	.0	. 0	.0	.0	.0	.0	.0	.0		.0	
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	
49	. 8	.0		.0			.0			.0	.0	.0	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• (
51	TRACE	-0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0		
52	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0
54	.0	,0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• (
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• (
57	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	
58	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	• 0
60	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	.0	.0	. C	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.0	.0	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	• 0
69	.0	.0	.0	.0	.0	. 0	.0	.0	.0	.0	.0	.0	• (
70	.0	.0	.0	0000	.0	.0	.0	,0	.0	.0	,0	.0	• 0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0
73	TRACE	TRACE	.0	,0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0
MEAN													
S. D.													
OTAL OBS.							1000						

SNOWFALL

CURPUS CHRISTI, TEXAS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
75 76	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	TRACE	TRACE	TRACE
77	.0	.0	•0	.0	.0	•0	.0	.0	.0	•0	.0	.0	•0
	¢1	Fa. 80 1905	ng malan					3,=3,00		Name of the			
		4											
												-	
MEAN S. D.	.141	TRACE	TRACE	.000	.000	.000	.00	.000	.000	.000	TRACE	TRACE	.00
TOTAL OBS.	992	904	961	990	961	960	1023	992	960	961	960	992	11656

NAVWEASERVCOM

100

5723 Extreme Values Jan 1969

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SNOWPALL

CURPUS CHRISTI, TEXAS

45-77

24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
45	*		30										SNOFALL
46											290		SMUFALL DAYS
48										30			SNOFALL
52					30								SNOFALL
57										30			SNOFALL
								3					
1-17-0-17	A.	Bankurya	relative to	(Antonyone			\$10.00	lui-less	Aurin and	3.7.3077			
MEAN S. D.											-		
											-		-
TOTAL OSS.													

NAVWEASERVCOM

6)

101

5723 Extreme Values Jan 1969

BOB

0

SNOW DEPTH

12926

CORPUS CHRISTI, TEXAS

45-77

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
45												0	
46													
47	0					0							
48		0				-		0					
49	0	0		0			0			0	0	0	
50	-0	0		0	0	0	0	0	0	0	0	0	
51 52	TRACE	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0		0	- 0	0	0	0	0	0	
53	0	0	0	0	0	0	0	0	0	0	0	0	9
55	0	0	0	0	0	0	- 0	0	0	0	0	0	
56	0	0	0	0	0	0	0	0	0	0	0	0	
57	0	0	0	0	0	0	0	0	0	0	0	0	
58	0	0	0	0	0	0	0	0	0	0	0	0	
59	0	0	0	O	0	0	0	0	0	0	0	0	- 0
60	0	0	0	0	0	0	o	0	o	0	o	o l	
61	0	0	0	0	0	0	0	0	0	0	O	o l	
62	0	0	0	0	0	. 0	0	0	0		Ö	0	,
63	0	0	0	0	0	0	0	0	0	0	0	0	
64	0	0	0	0	0	0	o	0	0	0	0	0	
65	0	0	0	0	0	0	0	Ö	0	0	0	0	0
66	Ō	0	0	0	0	0	0	0	0	0	0	0	Č
67	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
66	0	0	0	Ö	0	0	0	0	0	0	0	0	
69	0	0	0	0	0	0	0	0	0	0	0	0	C
70	0	0	0	0	0	0	0	0	0	0	0	0	
71	0	0	0	0	0	0	0	0	0	0	0	0	C
72	0	0	0	0	0	0	0	0	0	0	0	0	
73	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
74	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN													
\$. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Ja., 969

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SNOW DEPTH

12926

CORPUS CHRISTI, TEXAS

45-77

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
75 76	0	0	0	0	00	00	0	0	0	0	0	00	
77	0	Ö	0	0	0	0	0	0	0	Ó	Ö	Ó	Ċ
										·			
				:									
10 1 3		 Kanada	enorane y	de este e			TAMES IN						
MEAN	TRACE	TRACE	,	.0	.0	- 1		- ' 0					
S. D. TOTAL OBS.	•000 930	.000	.000	870	837	.000	.000	.000	,000 840	,000 868	,000 870	,000	10467

NAVWEASERVCOM

5723 Exigme Values Jan 1969

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SNOW DEPTH (FROM DAILY OBSERVATIONS)

12926

CORPUS CHRISTI. TEXAS

45-77

YEARS

DAILY SNOW DEPTH IN INCHES /BASED ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
45			0	0	0	0	0	0	0	0	0		SNO DPT
46	0	0	0	0	10	0	0	0	0	0	0	0	SNO DPT
47		1	0	0	0		0	0	0	0	0	0	SNU DPT
48	0		0	10	3	0	0		0	0	0	0	SNO DPT
50			0										SNO DPT
52					30								SNO DPT
57										300			SNO DPT
													-
		-											
-													
MEAN													
S. D.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

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DAILY EXTREME AMOUNTS

12926

CURPUS CHRISTI, TX.

1946-1977

STATION NAME

YEARS

JANUARY

FEBRUARY

			MON	NTH		
		CIPITATIO	ON		OWFALL	
DAY	INCHES	ММ	DATE	INCHES	ММ	DATE
1	0.21	5	1977			
2	0,54	14	1977			
3	0.38	10	1966			
4	4.63	118	1958			
5	3.88	99	1958			
6	0.42	11	1959			
7	0.16	4	1961			
8	0.16					
9	1.21	31	1967	1	T	1967
10	0.33	8	1970			
11	0.50	13	1958	1	1	1973
12	1.13	29	1977			
13	1.15	29	1967			
14	0.37	9	1960			
15	0.45	11	1964			
16	0.19	5	1970			
17	0.09	2	1956			
18	1.01	26	1955			
19	0.64	16	1948			
20	0.30	8	1968			
21	0.89	23	1966			
22	1.63	41	1975			
23	3.57	91	1958			
24	0.41	10	1974			100
25	0.53	13	1974#		T BE	
26	0.18	- 5	1974			
27	0.07	2	1952			
28	0.42	11	1946			
29	0.12	3	1963			-
30	0.56	14	1972	0.8	20	1949
31	0.59	15	1972	7	1	1951
Monthly	4,53	118	1958	0.8	20	1949

			MOI	ИТН				
DAV		CIPITATIO	ON	SNOWFALL GREATEST				
DAY	INCHES	мм	DATE	INCHES	ММ	DATE		
1	0.47	12	1977					
2	0.28	7	1948					
3	0.80	20	1975					
4	2.42	61	1965					
5	3,84	98	1961					
6	2.06	52	1967					
7	0.02	1	1948*					
8	0.18	5	1972	1	T	1973		
9	0.10	3	1956	1	T	1973		
10	0.55	14	1958					
_11	0.93	24	1968					
12	0.61	15	1960	1	T	1960		
13	1.13	29	1969					
14	1.05	27	1969					
15	0.25	6	1966					
16	0.17	4	1965					
17	1.03	26	1955					
18	1.09	28	1963					
19	0.15	4	1968					
20	4.01	102	1958					
21	1.07	27	1958					
22	1.27	32	1958					
23	2.05	52	1948					
24	0.29	7	1959					
25	1.78	45	1949					
26	0,82	21	1949					
27	0.06	2	1967					
28	0.29	7	1967					
29	3,26	63	1972					
30						1// 1/4		
31								
Monthly	4.01	105	1428	T	T	1973*		

* ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

5724 DAILY AMOUNT MAR 1978

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DAILY EXTREME AMOUNTS

12926

CORPUS CHRISTI, TX.

1945-1977

STATION

YEARS

MARCH

APRIL

			MON	чтн		
DAY		ECIPITATIO GREATEST	ON		NOWFALL REATEST	
DAT	INCHES	MM	DATE	INCHES	ММ	DATE
1	0.02	1	1973*			
2	0.20	5	1959			
3	0.44	11	1977			
4	0,10	3	1968			
5	0.83	21	1948			
6	1.01	26	1970			
7	0,56	14	1947			
8	0.39	10	1966			
9	0.03	1	1968			
10	0.98	25	1970			
11	0.12	3	1957			
12	1.57	40	1946		1	1951
13	1.47	37	1974			
14	0.86	22	1962			
15	0.46	12	1953			
16	0.17	4	1973			
17	0.08	2	1957			
18	0.37	9	1947			
19	0.98	25	1945			
20	0.20	5	1957			
21	0.36	9	1968			
22	0.20	5	1976			
23	0.10	3	1969			
24	0,04	1	1977*			
25	1,35	34	1951	Land -		
26	1,35	34	1974			
27	0.11	3	1977			
28	0.13	3	1957			1
29	0.02	1	1958			
30	0.03	1	1965			
31	2,33	59	1945			
Monthly	2,33	59	1945	7	1	1951

			МО	NTH		
DAY		CIPITATIO	ON		NOWFALI REATEST	
DAY	INCHES	ММ	DATE	INCHES	ММ	DATE
1	1.04	26	1949			
2	1.20	30	1900			
3	0.49	12	1971			
4	1.65	42	1971			
5	1,49	38	1976			
6	0.74	19	1973			
7	0.23	6	1976			
8	0.22	6	1959			
9	2.74	70	1954			
10	0.22	6	1970			
11	0.61	15	1959			
12	2.18	55	1969			
13	0.46	12	1976			
14	0.33	8	1954			
15	0.58	15	1954			
16	1.58	40	1977			
17	1.44	37	1950			
18	0.08	2	1966			
19	0.62	16	1965			
20	0.85	22	1945			
21	2.05	32	1946			
22	1,39	35	1952			
23	1.66	42	1956			
24	0.72	18	1953			
25	2.36	60	1966			
26	0.72	18	1760			
27	5.30	135	1972			
28	0.77	20	1424			
29	1,59	40	1961			
30	2,75	70	1977			
31						
Monthly	5.30	135	1972			

^{*} ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5724 DAILY AMOUNTS MAR 1978

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T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

PRECIPITATION GREATEST

DAILY EXTREME AMOUNTS

12926

CURPUS CHRISTI, TX.

DATE

7 1962

74 1966

48 1966 19 1966 149 1968

88 1968 118 1968 51 1972

22 1947

20 1972 48 1976

22 1953

26 1970 31 1969

55 1965

18 1965 66 1965 12 1976

37 1959

29 1945

69 1966

42 1946 31 1970 154 1974

154 1974 30 1972

1945-1977

YEARS

STATION

DAY

2

3

4

5

6

7

8

9

10

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14

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Monthly

INCHES

1,20

0,26

2,91

1.88

0.76

5.88

3.45

4.65

2.01

0.85

0.79

1,89

0.87

1.03

1.23

2.18

0.71

2.58

0,49

1,44

2.11

1.72

0,93

1,75

3,28

1,35

2,72

1,67

1.23

6.06

MAY

STATION NAME

MONTH

INCHES

SNOWFALL GREATEST

DATE

INCH	DAY
1.	1
1,	2
5,	3
2.	4
2.	5
0,	6
0,	7
2,	8
1.	9
1,	10

22

23

24

25

26

31

Monthly

PRECIPITATION SNOWFALL GREATEST IES DATE INCHES 36 1970 46 1962 .03 128 1968

JUNE

MONTH

62 67 1972 58 1973 29 2 1952 08 .24 6 1957 73 1972 41 1946 43 1974 15 1972 88 61 70 0.58 11 127 1945 33 1973 5.00 12 1,31 13 31 1974 1,21 14 3 1972 0.12 15 1.35 16 3.00 17

76 1963 53 1961 2.10 18 21 1947 32 1976 0.84 19 1.27 20 30 1968 29 1966 1.20 21 1,15

67 1968 93 1959 54 1954 2.62 3,67 2.11 28 1968 6 1971 1.09 0.25

27 1 1952 0.04 28 0.84 29 1.12 28 1950 30

5.03

1975 (4)

5724

AMOUNTS

MAR

1978

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T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

^{*} ALSO ON EARLIER YEARS

DAILY EXTREME AMOUNTS

MAR MOUNTS MAR MOTOR

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12926 STATION CURPUS CHRISTI, TX.

1945-1977

JULY MONTH YEARS

AUGUST

		CIPITATIO GREATEST	ON		OWFALL REATEST	
DAY	INCHES	MM	DATE	INCHES	MM	DATE
1	0.87	22	1948			
2	0.69	18	1963			
3	0.33	8	1953			
4	0.27	7	1949			
5	1.51	41	1972			
6	0.33	. 8	1972			
7	0.81	21	1958			
8	2.73	69	1976			
9	2,34	59	1976			
10	1.15	29	1961			
11	1.41	36	1968			
12	2.12	54	1968			
13	0.92	23	1976			
14	2.96	75	1976			
15	0.93	24	1970			
16	1.43	36	1949			
17	0.44	11	1967			
18	1.04	26	1952			
19	2.43	62	1964			
20	0.85	22	1995			
21	0.44	11	1. YZ			
22	0.18	74	1 46			
23	0.10	- 5	1945			
24	0.08	Z	1749			
25	1,50	38	1939			
26	0.38	10	1970			
27	0,33	8	1968			1
28	0.06	2	1968			
29	0.17	4	1961			
30	0.26	7	1959			
31	0.81	21	1945			
Monthly	2.95	75	1976	1		

			MO	NTH		
044		ECIPITATIO GREATEST	ON		NOWFALI GREATEST	
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	INCHES	MM	DATE	INCHES	MM	DATE
1	1.77	45	1947			
2	0,88	22	1973			
3	2.72	69	1972			
4	2,49	63	1965			
5	2.13	54	1971			
6	1.63	41	1965			
7	0.69	18	1974			
8	0.37	9	1975			
9	0.93	24	1975			
10	0.20	5	1961			
	1.26	32	1960			
12	1.23	21	1960			
13	1.45	37	1960			
14	0.37	9	1960			
15	0.75	19	1970			
16	0,33	8	1973			
17	0.86	22	1961			
18	1,21	31	1967			
19	1.32	34	1967			
	2.19	56	1953			
	1.22	31	1953			
	2.93	74	1967			
_	0.91	23	1967			
	2.66	68	1939			
	1.70	43	1959			
26	5,13	130	1945			
27	2,00	51	1945			
28	3,22	82	1953			
29	2.47	63	1948			
30	2,00	51	1953			
31	1.09	28	1975			
Monthly	5.13	130	1945			

^{*} ALSO ON EARLIER YEARS

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

12926

CORPUS CHRISTI, TX.

1945-1977

YEARS

SEPTEMBER

DCTOBER

DAY		CIPITATIO GREATEST	ON		NOWFALL REATEST	
DAT	INCHES	MM	DATE	INCHES	ММ	DATE
1	1,19	30	1970			
2	1.02	26	1955			
3	4.19	106	1967			
4	1.77	45	1967			
5	4.00	102	1967			
6	12,23	311	1955			
7	1.39	35	1955			
8	1.46	37	1977			
9	1.94	49	1948			
10	2.23	57	1948			
11	1,68	43	1952			
12	1.06	27	1974			
13	4.13	105	1951			
14	3.50	89	1951			
15	2.28	58	1971			
16	1.78	45	1958			
17	1.70	43	1950			
18	3.37	86	1971			
19	1.03	26	1946			
20	5,28	134	1967			
21	2.97	75	1967			
22	1.53	39	1967			
23	0.26	7	1955			
24	4.29	109	1972	,		
25	3,60	91	1964			
26	2,46	62	1970			
27	4,08	104	1973			
28	2,16	35	1946		7	
29	0.30	8	1946			
30	1,17	30	1954			
31						1
Monthly	12.23	311	1955			

			MOI	ИТН		
DAY		ECIPITATIO GREATEST	ON		NOWFALI GREATEST	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	INCHES	ММ	DATE	INCHES	ММ	DATE
1	0.77	20	1966			
2	0.91	23	1965			
3	2,45	62	1949			
4	2,77	70	1959			
5	2,43	62	1971			
6	0.67	17	1968			
7	0.49	12	1955			
8	0.59	15	1971			
9	0.88	22	1977			
10	1.67	42	1955			
11	2.37	60	1973			
12	2.51	64	1973			
13	0.69	18	1973			
14	0.60	15	1946			
15	2.37	60	1967			
16	4.28	109	1960			
_	1.79	45	1960			
	0.33	8	1956			
19	0.48	12	1960			
20	1.20	30	1472			
21	0.90	23	1962			
22	2.00	51	1958			
23	2.76	70	1953			
24	1.29	33	1960			
25	1.58	40	1975			
26	2.74	70	1963			
27	2,88	73	1976			
28	1.04	26	1949			
29	0.87	22	1959			
30	0.38	10	1959			
31	0.05	1	1973+			
Monthly	4.28	109	1960			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

5724 DAILY AMOUNT MAR 1978

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DAILY EXTREME AMOUNTS

12926

CURPUS CHRISTI, TX.

1945-1977

STATION NAME

NOVEMBER

DECEMBER

			MON	VIH		
DAY		CIPITATIO	ON		OWFALL REATEST	
DAT	INCHES	MM	DATE	INCHES	ММ	DATE
1	1.84	47	1977			
2	0.99	25	1970			
3	1.62	41	1972			
4	0.74	19	1965			
5	0.17	4	1966			
6	1,17	30	1962			
7	0.57	14	1962*			
8	1.33	34	1965			
9	0.14	4	1955			1 40
10	1.61	41	1957			
11	7.78	198	1957			
12	0.24	6	1958			1
13	2.11	54	1961			
14	0.10	3	1948			
15	0.06	Z	1948			
16	1.19	30	1960			
17	1.41	35	1947			
18	1.46	37	1958			
19	0.63	16	1976			10/10
20	0,65	17	1951			
21	1.31	33	1977			
22	1.14	29	1947			
23	1,18	30	1969			
24	1.75	44	1974			
25	1.44	37	1969			
26	2,33	59	1969			
27	0.88	22	1963			
28	1,68	43	1952	T	1	1976
29	0.22	6	1969	7	1	1976
30	1.04	26	1955			
31						
Monthly	7.78	198	1957	T	T	1976

			MO	NTH		
		ECIPITATIO GREATEST	ON		NOWFAL REATES	
DAY	INCHES	мм	DATE	INCHES	MM	DATE
1	0.39	10	1955			
2	1.61	41	1945			
3	0.37	9	1965			
4	0.19	5	1971			
5	0.98	25	1971			
6	0.96	24	1971			
7	2.31	59	1960			
8	1.48	38	1964			
9	0.92	23	1964			
10	0.62	16	1964			
11	0.33	8	1970			
12	0.63	16	1976			
13	0.16	4	1963			
14	0.80	20	1947			
15	0.79	20	1965			
16	0.29	7	1971			
17	0.72	18	1965			
18	0.57	14	1965			
19	0.10	3	1976			
20	1.78	45	1958			
21	0.09	2	1968		1	1976
22	0.10	3	1976			
23	2,16	55	1962			
24	0,69	18	1975			
25	0.57	14	1958			
26	0.23	6	1949			
27	0.25	6	1953			
28	1.29	33	1960			
29	0.84	21	1900			
30	1.00	25	1958			
31	0.57	14	1959			
Monthly	2,31	39	1960	1	1	1976

^{*} ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

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5724 DAILY AMDUNTS MAR 1978

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NWSD, Federal Building Asheville, N. C.

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual all hours combined
 - (2) By month all hours combined
 - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

SURFACE WINDS

12926

CORPUS CHRISTI, TEXAS

45-77

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	4. FE	B. M/	AR. AF	R. MA		JUN. JU	IL. AU	G. SE	P. 00	T. NO	V. DE	c.	MONTH:	s
45			N	43N	45NNW	4258	39NE	33N	BENNW	46N	48N	45NNW	50		
46	MNM	47N	56N	48N	42NE	GINE	50N	42NE	34N	38N	48	NE	47		
47	N	42N	50	41N	SON	38E	415SE	32ENE	40N	42N	41 NNW	56NW	40	N	56
48		SON	47NNW	40NW	49	ES	E 36	SONNW	39N	33	N	48N	48		
49	N	4755E	38	NE	43		SSE	29		NNK	455	SANNE	36		
50	SSE	41SSE	36NNW	46MNW	42NNW	525	335	3555E	30E	42ENE	34NNW	47N	56	N	56
51	NNE	46NNE	43N	515SE	495E	495E	445SE	445E	44N	36N	39				
52	SE	SOWNW	SONNW	67N	58E	435E	4355E	41SE	35N	SINNE	47N	SANNE	41	MNM	6
53	NW	59N	44N	SUSSE	55N	SONE	395	BOWNW	46N	44N	40N	42NE	48	N	60
54	N	38N	SANNE	44	N	SASE	SOSE	45SSE	39 SE	43		N	51		
55	MNM	SBNNE	52NE	595SE	4155E	43N	465	3255E	32NE	47	NE	47N	31		
56	NE	45NNW	41N	5255E	43SE	5455	E 305E	3255E	34ENE	26NNE	BONNE	43N	38	SE	54
57	N	35NNE	40M	48NHE	45N	60N	48SSE	31		SSE	3855E	43N	47		
58	NNE	59N	37NNE	345	3755E	33N	3455E		31 NNE	44E	45N	37N	39	NNE	5
59	N	46NNE	36N	45NNE	52N	4555	E 465E	30E	35E	3555E	SZN	455	49	NNE	5
60	SE	34NNW	5255E	43NNW	44NNE	53EN		31SSE	32N	44N	45N	48N	36	NNE	5
61	N	42N	47SSE	475	GOSSE	4055	E 375	38NE	SANM	71N	33WNW	46NNE	36	NW	7
62	N	45N	SUNE	38NNE	3655E	385E	465	3055E	305	32N	SONNE	32NNE	32	SE	40
63	NNE	36NW	35NNE	3155E	3755E	2835		305SE	27E	255SE	305	395	32	S	30
64	N	34N	41MW	4256	36N	3955	E 315E	28SSE	32ENE	3QN	36N	36N	37	NW	4
65	N	37NNW	46N	38E	46SE	3735		29	SSE	33ESE	315	31NW	41		
66	NW	32N	38N	36ENE	45NNW	4055		245	SONNE	32NNE	37N	SSNNW	34	ENE	45
67	N	ZONNW	44N	3156	34N	SONE	4355E	3055E	318	603W	46WNW	37N	32	E	60
68	N	39N	36NNW	40555	35N	47NE	36€	315	36N	42NNW	33WNW	40N	37	N	4
69	N	32E	35W	SOENE	39ESE	43SE	335SE	BIESE	29NNE	2455E	32N	41WNW	42	ESE	43
70	NNW	37NNW	37WSW	ALNW	40W	38NN	# 365SE	26WSW	LOSE	30N	37NW	36NW	33	WSW	104
71	N	3535	3933	4301	3417	3912	3315	3515	3327	5413	2932	4114	43	27	54
72	32	3633	4634	4112	5425	5014	2614	3610	2733	3013	3133	2933	30	12	5
73	16	3931	4630	4414	4933	4728	4713	3112	3531	4329	4034	3732	46	14	45
74	33	3529	3414	27	16	3535	2809	2715	2914	3135	3733	4815	31		
MEAN														-	-
S. D.															
TOTAL OBS.															

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SURFACE WINDS

12926

CORPUS CHRISTI, TEXAS

45-77

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN.		FEB.	MAR.	APR.	MAY	JUN.	JU	L. A	ug.	SEP.	ост.	N	ov. c	EC.	ALL	45
75 76		133	44					116	3709 3111	310		02 4	35	4028	41	33	5
77		618				15 33		315	2717	290			30	3902	37	31	4
		+															
og a som	all .	191	Maderi		ctio Wight	27.683		C.	cys.	19814	1000						
MEAN	41.	1	42.5	42.3	43.9	45.0	38,	7 3;	2.8 3	7.2	39.3	38,		1:1 3	9,8		٠,
S. D.	7.91	0 6	899	985	7.085	956	7.21	2 5.0	9416.	927	930	92	0.	986 7,	985	13.	27 38

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5723 Extreme Values Jan 1969

SURFACE WINDS

12926

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CORPUS CHRISTI, TEXAS

45-77

YEARS

PASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL
46											N 40		WINDS
48					0					26 WAN			WINDS
51											N 58		WINDS
54				N 48						W 60	NE 45		WINDS
55										N 44			WINDS
57								N 36	NNE 41				WINDS
65.								SE 29					WINDS
74				13 28									WINDS
					- Consulati								
MEAN													
S. D.													
TOTAL OBS.													

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77
STATION STATION NAME
ALL WEATHER
CLASS
OO
HOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	2.6	5.8	6.5	3.2	.6						21.9	10.8
NNE		.6	2.6	2.6	• 6							6.5	11.4
NE	1.3	.6	.6	1.3								3.9	6.8
ENE	1.9	• 6		,								2.6	2.5
E	.6	. 6										1.3	3.5
ESE	1.9	•6	•6	.6								3.9	5.8
SE	.6	1.9	2.6	2.6								7.7	8.4
SSE		3.9	1.9	4.5	•6							11.0	9.6
5	3.9	1.9	3.2	1.9		•6						11.6	7.7
ssw			.6									.6	8.0
sw	.6											.6	2.0
wsw	.6											.6	2.0
w		. 0		.6								1.3	9.0
WNW			.6									.6	7.0
NW		1.3	1.3	1.3	•6							4.5	10.3
NNW		.6	3.2	2.6	.6							7.1	11.5
VARBL													
CALM	><	><	\times	$>\!\!<$	> <	> <	> <	\sim	> <	\sim	> <	14.2	
	14.8	16.1	23.2	24.5	5.8	1.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

155

5702 SURFACE WINDS JAN 78

2

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION STATION NAME

ALL WEATHER

CLASS

O3

HOURE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	3.2	3.9	7.7	2.6							19.4	10.8
NNE	.6	.6	2.6	1.3	•6							5.8	9.6
NE	.6	1.9	•6	.6								3.9	7.0
ENE	.6	• 6		.6								1.9	7.7
E													
ESE	1.3		.6									1.9	4.
SE	.6	3.2	1.3	1.3								6.5	7.3
SSE		2.6	6.5	4.5								13.5	8.9
\$	1.9	1.3	.6	1.3								5.2	6,5
ssw	.6	.6										1.3	4.0
sw	1.3	2.6										3.9	3.6
wsw	1.3			.6								1.9	5.3
w	.6	.6	1.3									2.6	6.0
WNW	.6	• 6	1.9									3.2	5.8
NW			.6	.6	1.3							2.6	15.5
NNW	1.3	.6	4.5	4.5	1.3	.6						12.9	10.6
VARBL													
CALM	><	><	><	><	><	><	\times	\times	> <	\sim	>	13.5	
	13.5	18.7	24.5	23.2	5.8	.6						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

155

5702 SURFACE WINDS JAN 78

0

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

STATION

ALL WEATHER

O6

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	.6	7.1	11.6	1.3							23,9	11.2
NNE	1.9	3.2	3.2	1.9								10.3	7.4
NE	1.3	.6		.6								2.6	6.0
ENE			.0	.6								1.3	11.0
E	1.3		.6						•			1.9	4.0
ESE	.6	1.3	.6									2.6	5.0
SE		1.9	1.9	.6								4.5	7.9
SSE	.6	1.3	4.5	2.6								9.0	8.4
5	1.3	3.2	.6	1.3								6.5	6.1
ssw		. 6	1.9									2.6	7.3
sw		1.9	.6									2.6	5.5
wsw	1.3	.6										1.9	3.0
w	1.9	1.3										3.2	3.4
WNW	.6	.6	.6		•6							2.6	8.5
NW	2.6		2.6	4.5								9.7	8.7
NNW	.6		.6	3.9	1.3	.6						7.1	13.5
VARBL													
CALM	><	\times	\times	><	><	\times	\times	> <	><	><	>	7.7	
	17.4	17.4	25.8	27.7	3.2	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

0

5702 SURFACE WINDS JAN

78

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12926 STATION

SURFACE WINDS

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5702

SURFACE WINDS

JAN 78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

CORPUS CHRISTI, TEXAS 73-77

STATION NAME

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	3.9	5.8	11.0								21.3	10.
NNE	.6	3.2	3.2	4.5	.6							12.3	9.
NE	.6	.6	1.9									3.2	5,
ENE	1.3	.6										1.9	3.
E		.6	.6									1.3	5.
ESE				1.3								1.3	11.
SE	.6	1.9	2.6	2.6								7.7	8,
SSE		1.9	3.9	2.6								8.4	9,
5	.6	.6	1.3	.6								3.2	7,
SSW	.6	.6	.6									1.9	5,
sw		1.3	1.3	4								2.6	7.
WSW													
w	1.3		1.3		.6							3.2	7,
WNW	,6	1.9			.6							3.2	7.
NW	.6	2.6	2.6	2.6								8.4	8,
NNW	3.9	1.9	1.3	4.5	1.9							13.5	9.
VARBL													
CALM	><	$>\!<$	\times	$>\!\!<$	$>\!\!<$	><	$>\!<$	><	><	><	><	6,5	
	11.6	21.9	26.5	29.7	3.9							100.0	8.

TOTAL NUMBER OF OBSERVATIONS 155

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

TOWNS (L.E.T.)

	7.7	22.6	29.0	33.5	5.2	.6						100.0	9.
CALM	><	$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	><	><	1.3	
VARBL													
NNW	1.9	3,9	1.9	3.2	2.6	.6						14.2	9,
NW	,6	1.3	1.9	3.2								7.1	9
WNW		.6	1.9	2.6								5,2	11
w			.6	.6								1.3	11
wsw													
sw		1.3										1.3	4
ssw	.6	• 6	.6									1.9	4
5		•6	1.3	1.3	6	,						3.9	11
SSE		.6	1.9	7.1	1.9							11.6	13
SE		1.3	1.9	5.2								8.4	11.
ESE													
E			-										
ENE		• 6	1.9									2.6	7
NE	.6	3.2	3.2	1.9								9.0	7
NNE	1.3	3.2	2.6	3.2								10.3	8
N	2.6	5.2	9.0	5.2								21.9	8,
SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WING

TOTAL NUMBER OF OBSERVATIONS

155

0

0

5702 SURFACE WINDS JAN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1529

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5702 SURFACE WINDS JAN 78

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12926	CORPUS CHR	ISTI, TEXAS	73-77		JAN
STATION		STATION NAME		YEARS	MONTH
			ALL WEATHER		15
			CLASS		HOURS (L.S.T.)
			CONDITION		

	7.1	21.9	31.0	27.7	8.4	1.9						100.0	9.
CALM	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	><	><	1.9	
VARBL								4					
NNW	.6	1.3	1.3	2.6	1.3	.6						7.7	11
NW		•6	3.9	2.6	1.9							9.0	11
WNW			1.3	.6								1.9	9
w	.6	1,3										1.9	4
wsw		. 6		.6								1.3	8
sw			.6									.6	10
ssw	.6	.6										1.3	4
5	.6											.6	2
SSE		1,3	3.9	1.9	1.9	1.3						10.3	13
SE		.6	2.6	7.7	2.6							13.5	14
ESE		1.3	.6	1.3								3.2	10
E	.6	3,2	1.3									5.2	5
ENE	.6	1.9	5.2	1.3								9.0	7
NE	300	1.3	1.9	1.9								5.2	8
NNE	2.6	1.9	3.9	3.9	• 0							14.8	8
N	.6	5.5	4.5	3.2	•6					-		14 8	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIN

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

12926

CORPUS CHRISTI, TEXAS

1.3

1.9

3.9

27.1

1.3

.6

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SURFACE WINDS

JAN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

1118

						ASS						, , , , , , , , , , , , , , , , , , ,	(L.S.T.)
	<u> </u>				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	×	MEAN WIND SPEED
N		1.3	5.2	4.5	.6	.6						12.3	11.
NNE	.6	3.9	1.3	1.9	1.3							9.0	8.
NE		1.9	1.3									3.2	7.
ENE	.6	3.2	1.9	1.3								7.1	7.
ŧ	3,2	4.5	2.6									10.3	5.
ESE	.6	6,5	3.2	3.2								13.5	7.
SE	1.3	3.2	2.6	7.1	.6							14.8	10.
SSE		1.3	1.9	2.6	•6							6.5	11.
\$		1.3			.6							1.9	8.
ssw													
ew													

.6

.6

TOTAL NUMBER OF OBSERVATIONS

8.8 155

16.0

2.6

2.6

3,9

3.9

100.0

0

0

0

DIRNAVOCEANMET SMOS

SW

wsw

w

NW NNW

VARBL

CALM

12926 STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS

STATION NAME

ALL WEATHER

CLASS

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	1.9	3.9	3.9	1.9							12.3	10.4
NNE	1.3	1.9	3.9	1.9	1.3							10.3	9.3
NE		.6		1.9	• 6							3.2	12.6
ENE		1.9	1.3	.6								3.9	7.3
E	3.2	2,6	3.2									9.0	5.0
ESE	3.9	3.9	.6	2.6								11.0	5.8
SE	1.9	1.9	3.2	6.5								13.5	9.3
SSE	3.2	1.9	•6	2.6	1.3							9.7	8.4
\$		3.2	1.9									5.2	6.8
ssw	.6											.6	2.0
sw													
wsw													
w		• 6							a 1			.6	6.0
WNW		.6										.6	6.0
NW		.6	1.9	.6	•6							3.9	10.3
NNW		.6	1.9	3.2	2.6							8,4	13.2
VARBL													
CALM												7.7	

TOTAL NUMBER OF OBSERVATIONS

155

100.0 8.0

DIRNAVOCEANMET SMOS

22.6 22.6

23.9

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SURFACE WINDS JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73=77

STATION

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	3.1	5.6	6.7	1.3	.2						18.5	10.
NNE	1.1	2.3	2.9	2.7	•6							-9.6	8.
NE	.6	1.4	1.2	1.0	•1							4.3	7.
ENE	.6	1.2	1.4	.6								3.8	6.
E	1,1	1.5	1.0									3.6	5.
ESE	1.0	1.7	. 8	1.1								4.7	7.
SE	.6	2.0	2.3	4.2	.4							9.6	10.
SSE	.5	1.9	3.1	3,5	. 8	• 2						10.0	10.
\$	1.0	1.5	1.1	. 8	.2	•1						4.8	7.
SSW	.4	.4	.5									1.3	5.
sw	.2	.9	.3									1.5	5.
wsw	.4	.2		.2						,		.8	4.
w	.6	.7	•5	.2	•1							2.1	6.
WNW	.3	.6	1.0	.4	• 2							2.5	8.
NW	.5	. 6	1.9	2.3	.6	•1						6.1	10.
NNW	1.0	1.2	2.0	3.5	1.6	.4						9.8	11.
VARBL													
CALM	\sim	> <	><	><	><	$>\!<$	> <	> <	\sim	\sim	> <	7.1	
	11.9	21.4	25.8	27.2	5.8	.9						100.0	8.

TOTAL NUMBER OF OBSERVATIONS

1240

M11

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SURFACE WINDS JAN

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DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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16760	CONFOS CHRISII, IEXAS	13-11		F E B
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		00
		CLASS		HOURS (L.S.T.)
		CONDITION		

SFEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.4	5.0	5.0	.7	.7						14.2	10.
NNE			2.1	.7								2.8	11.
NE	1.4	.7	3.5	.7		.7						7.1	9.
ENE		.7	1.4	.7								2.8	9.
E	.7	2.1										2.8	4.
ESE	.7		2.8									3.5	6.
SE	1.4	5.7	7.1	8.5								22.7	9.
SSE	.7	2.1	7.1	5.0	•7							15.6	9.
5	2.1	.7		2.8	.7	.7						7.1	10.
SSW		. 7	1.4									2.1	6.
sw			.7									.7	7.
wsw													
W	.7											.7	3.
WNW					• 7							.7	21.
NW		• 7	•7	1.4		.7						3.5	13.
NNW		1.4	• 7	2.1	• 7							5.0	11.
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	><	8.5	
	9,2	16.3	32.6	27.0	3.5	2.8						100.0	8.

TOTAL NUMBER OF OBSERVATIONS

1001

0

0

0

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926	CORPUS CHRISTI, TEXAS	73-77	FEB
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	03
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.4	2.1	5.7	.7							9.9	11.0
NNE		2.1	2.8	3.5	.7							9.2	10.
NE		1.4		.7								2.1	7.
ENE		2.1		1.4								3.5	8.
E	.7	2.6			• 7							4.3	7.
ESE		• 7										.7	6.
SE	2,1	5.0	4.3	5.0								16.3	8.
SSE	,7	2.6	5.7	3.5	.7							13.5	9.
5	2.1	2.1	2.1	2.8	1.4							10.6	8.
SSW		1.4	1.4									2.8	6.
sw	1,4	.7										2.1	3,
wsw		.1	1.4	.7								2.8	7.
w	.7	1.4	.7									2.8	5.
WNW						1.4						1.4	23.
NW		.7		.7								1.4	8.
NNW		2.1	• 7	4.3	• 7							7.8	11.
VARBL													
CALM	><	><	><	><	><	><	><	\times	><	><	> <	8.5	
	7.8	27.7	21.3	28.4	5.0	1.4						100.0	8.

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

12926	CORPUS CHRISTI, TEXAS	73-77	FEB
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	06
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.8	3.5	5.0	4.3	.7						16.3	12.8
NNE	.7	1.4	2.8	4.3		.7				- 4-16		9.9	10.8
NE		.7	.7	.7								2.1	9.0
ENE	.7		2.1	.7								3.5	8.4
E		1.4	• 7									2.1	5,3
ESE	2.1	3.5	.7									6.4	4.9
SE	3.5	1.4	4.3	3.5								12.8	7.4
SSE	.7	1.4	5.7	2.8								10.6	9.0
\$.7	2.1	2.8	1.4								7.1	8.2
ssw	.7	1.4										2.1	4.3
sw	.7	2.1	.7									3,5	5.2
wsw	.7	.7	.7	-								2.1	5.7
w	.7	• 7										1.4	3.0
WNW		.7			.7							1.4	11.5
NW			1.4	.7	• 7	1.4						4.3	15.5
NNW	2.1	2.1	1.4	1.4	.7	.7						8.5	9.3
VARBL													
CALM	\sim	\times	X	X	X	X	X	X	X		\times	5.7	
	13.5	22.7	27.7	20.6	6.4	3.5						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

141

0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

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12926 CORPUS CHRISTI, TEXAS 73-77 FEB
STATION STATION NAME
ALL WEATHER
CLASS
CLASS
FEB
MONTH
MONTH
OP
NOURS (L.S.T.)

SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 4 - 6 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 ≥56 2.1 8.5 17.7 2.1 .7 12.1 N 4.3 NNE 2.1 2.8 7.8 9.2 1.4 5.0 11.7 .7 2.1 NE ENE .7 2.1 1.4 4.3 10.0 .7 2.1 12.0 E 2.1 2.1 ESE 8.6 1.4 5.0 4.3 11.3 9.6 SE 5.0 13.5 10.1 SSE 7.1 11.3 5 2.1 .7 6,4 3.5 2.8 .7 SSW .7 7.0 1.4 2.1 SW .7 1.4 5.0 WSW 2.8 1.4 7.0 w 1.4 2.1 WNW 1.4 3.5 . 7 5.0 13.3 2.1 NW 6.4 13.7 1.4 NNW 2.1 CALM 13.5 36.9 36.2 6.4 2.1 100.0 10.4

TOTAL NUMBER OF OBSERVATIONS

141

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DIRNAVOCEANMET SMOS

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SURFACE WINDS

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5702 SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

TORPUS CHRISTI, TEXAS

STATION NAME

ALL WEATHER

NOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	2.1	2.1	5.0	.7						0	10.6	10.
NNE		2.8	2.1	3.5	1.4	.7		12				10.6	11.
NE		1.4	2.8	.7								5.0	8.
ENE		1.4	1.4	.7								3.5	8.
E		.7	2.1									2.8	7.
ESE		1.4	2.1	3,5								7.1	10.
SE		.7	2.1	7.1	1.4					-		11.3	12.
SSE			5.0	9.2	3.5							17.7	13.
S			2.1	5.0	.7							7.8	12.
SSW	.7			.7								1.4	8.
sw		7										.7	5,
wsw				.7								.7	12.
w	.7			.7								1.4	8,
WNW			.7		1.4	•7						2.8	18.
NW		.7	2.1	.7	• 7	.7				9		5.0	13.
NNW	1.4	.7	4.3	2.8	• 7	1.4						11.3	11.
VARBL													
CALM	><	><	> <	$>\!\!<$	><	> <	> <	> <	> <	><	> <	.0	
	3.5	12.6	29.1	40.4	10.6	3.5						100.0	11.

TOTAL NUMBER OF OBSERVATIONS

141

1101

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CORPUS CHRISTI, TEXAS

12926

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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STATION NAME		YEARS	MONTH
ALI	L WEATHER		15
	CLASS		HOURS (L.S.T.)
	COMPITION		•

73-77

	2.6	13.5	23.4	39.7	17.0	3.5						100.0	12.
CALM	><	><	><	$>\!<$	><	> <	> <	><	><	><	$>\!\!<$	•0	
VARBL							,						
NNW		2.8		4.3	.7	.7						8.5	11.
NW		.7	.7	3.5								5.0	11.
WNW		.7	•7		•7	.7						2.8	13.
w													
wsw													
sw													
ssw	.7											.7	3
S			1.4	1.4	2.8	.7						6.4	15
SSE		.7	1.4	2.8	2.1							7.1	13
SE		.7	1.4	10.6	5.7	.7						19.1	14
ESE		.7	5.0	7.8	2.8							16.3	12,
E		2.1	1.4	1.4								5.0	. 8
ENE			3.5	2.1	• 7							6.4	11.
NE	.7	2.1	3.5	.7								7.1	7.
NNE		1.4	.7	2.8	.7	.7						6,4	12
N	1.4	1.4	3.5	2.1	• 7							9.2	9,
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WINE

TOTAL NUMBER OF OBSERVATIONS

141

SURFACE WINDS

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SURFACE WINDS JAN 78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77 FEB
STATION STATION NAME
ALL WEATHER
CLASS
CLASS
HOURS (LET.)

ONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.4	2.1	2.8								7.8	9.2
NNE	.7	.7	2.1	.7	1.4	.7						6.4	12.0
NE		•7	1.4	.7								2.8	8 . !
ENE	.7	.7	2.1	2.8								6.4	9.1
E	.7	1.4	3.5	2.8								8.5	8.
ESE		1.4	5.7	9.9								17.0	11.
SE		2.1	5.0	8.5	2.1							17.7	12.
SSE		2.1	2.8	6.4	•7							12.1	10.
\$.7	.7	1.4	2.1							5.0	14.
SSW													
sw													
wsw													
w			.7									.7	8.
WNW				1.4								1.4	15.
NW		.7	2.1	1.4	• 7	.7						5.7	12.
NNW	.7	.7	1.4	2.8		.7						6.4	11.
VARBL													
CALM	><	> <	> <	$>\!\!<$	$>\!\!<$	> <	> <	> <	> <	\sim	> <	2.1	
	4.3	12.8	29.8	41.8	7.1	2.1						100.0	10.

TOTAL NUMBER OF OBSERVATIONS

141

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2926	CORP	US CHRI					73-77							EB
STATION			STATION	MAME						YEARS				OKTH
		_				ALL WE								21
						cı	ASS						HOURS	(L.S.T.)
		-				COM	DITION							
		_									_			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N			3.5	4.3	2.1							9.9	13.3
	NNE	.7		2.1	1.4	• 7							5.0	10.7
	NE		1.4	.7	.7								2.8	8.5
	ENE		2.1	1.4	2.1								5.7	8,9
		.7	3.5	2.1									6.4	5.3
	ESE	.7	3.5	5.7	2.8	.7							13.5	8.9
	SE	1.4	4.3	8.5	7.8								22.0	9.5
	SSE		2.8	5.0	5.0								12.8	9.8
	5	1.4	1.4	• 7	2.8	•7	.7						7.8	10.9
	SSW													

.7

.7

TOTAL NUMBER OF	ORSERVATIONS	141
TOTAL HOMBER OF	OBSERVATIONS	141

.7 1.4 2.1 7.1

2.8

100.0

10.0 10.5 14.7 12.3

9.7

DIRNAVOCEANMET SMOS

wsw

WNW

NNW

CALM

e

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32.6

30.5

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SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN 78

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12926	CURPUS CHRISTI, TEXAS	73-77		FEB
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		ALL
		CLASS		HOURS (L.S.T.)
		AANDIRIAN		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	1.6	3.3	4.8	1.4	.3						12.0	11.3
NNE	.4	1.3	2.1	2.5	•6	.4						7.3	11.
NE	.3	1.2	1.9	. 8		•2						4,3	8.
ENE	.2	1.0	1.8	1.5	•1							4.5	9.
E	.4	1.6	1.2	.6	•1							4.1	7.
ESE	.4	1.7	3.0	3.3	.4							8.9	9.
SE	1.2	2.7	4.7	6.9	1.2	•1						16.7	10.
SSE	.3	1.7	5.0	5.0	1.0							12.9	10.
\$.8	.9	1.7	2.5	1.2	.3						7.3	11.
ssw	.3	.4	.4	.4								1.5	7.
sw	.3	.5	.4									1.2	5.
wsw	.1	. 3	.3	.2								.8	7.
w	.4	.4	.4	.1								1.3	6.
WNW	.2	.3	.4	.3	.7	.4						2.1	14.
NW	.1	.4	1.2	1.4	• 3	.6						4.0	13.
NNW	.5	1.4	1.5	2.9	.7	.4	•1					7.0	11.
VARBL													
CALM	><	><	>	><	$>\!\!<$	> <	> <	> <	> <	><	> <	3.7	
	6,2	17.6	29.2	33.1	7.6	2.6	•1					100.0	10.

TOTAL NUMBER OF OBSERVATIONS 1128

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

144

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5702

SURFACE WINDS JAN

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12926	CORPUS CHRISTI, TEXAS	73-77			MAR
STATION	STATION NAME		YEARS		HONTH
		ALL WEATHER			00
		CLASS		*	HOURS (L.S.T.)
		COMPLYION			

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	1.3	3.2	.6							6,5	11.4
NNE	1.3	1.3	1.9	5.2								9.7	9.7
NE	1.3		.6									1.9	4.7
ENE	.5	2.6	1.9									5.2	6.3
E	.6	1.9	4.5	2.6								9.7	9.1
ESE	1.3	2.6	5.2	4.5								13.5	9.0
SE	1.3	3.2	5.8	7.7	3.2							21.3	10.8
SSE	1.3	1.9	7.7	3.9	•6							15.5	9.4
5		2.6	.6	1.3		.6						5.2	9.6
SSW			.0									.6	8.0
sw													
wsw													
w	.6											.6	3.0
WNW		.6										.6	4.0
NW		. 6		.6								1.3	9.0
NNW	.6		.6	2.6	•6	.6						5.2	14.1
VARBL													
CALM	><	> <	>	>	> <	X	\times	>	>	\sim	> <	3.2	
	9.0	18.7	31.0	31.6	5.2	1.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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5702 SURFACE WINDS JAN

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12926 CURPUS CHRISTI, TEXAS 73-77

PRAYER

ALL WEATHER

CLASS

HORE (L.S.T.)

ONDITION

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥53	*	MEAN WIND SPEED
N		•6	3.9	3.9	• 6				7			9.0	11.1
NNE	.6		.6	1.3	•6							3,2	11.4
NE		•6	1.9	2.6								5,2	10.3
ENE		2.0	3.2									5.8	6.6
E	1.9	. 6	3.9	.6								7.1	6.9
ESE	1.3	2.6	5.8	1.3								11.0	7.7
SE		5.8	6.5	4.5	1.9							18.7	9.8
SSE	2.6	5.8	5.2	3.2	.6							17.4	8.1
5	.6	.6	2.6	1.3	•6							5.8	9.3
SSW	1.3	1.3	.6									3,2	4.0
sw	.6											.6	3.0
wsw			.6				MEATER					.6	7.0
w						The state of the s							-
WNW													
NW			.0				.6					1.3	19.5
NNW		1.3	1.9	.6	1.3	.6						5.8	12.4
VARBL													
CALM	><	><	$>\!\!<$	><	><	> <	> <	><	><	><	> <	5.2	
	9.0	21.9	37.4	19.4	5.8	.6	.6					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION MARE

ALL WEATHER

CONDITION

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MORE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6		3.9	3.2	1.9							9.7	11.
NNE	.5	2.6	.6	2.6	•6							7.1	9.
NE			1.3	1.9								3.2	11.
ENE	.6	1.9	1.3	1.3								5.2	7.
E	1.3	1.9	6.5	.6								10.3	7.
ESE	1.9	1.3	4.5	4.5								12.3	8,
SE	.6	4.5	5.8	3.2	1.3							15.5	8.
SSE		4.5	6.5	1.3	• 6							12.9	8
\$.6	•6	1.3	1.3	•6							4,5	9,
·SSW	.6	1.3	+6									2.6	5
sw		.6										.6	4
wsw		1.3	.6									1.9	5
w		.6										.6	4
WNW			.6									.6	7
NW	.5			.6		.6						1.9	13
NNW	.6		.6	1.3	1.9	.6						5.2	14
VARBL													
CALM	><	><	><	><	> <	> <	> <	><	> <	\sim	> <	5.8	
	8.4	21.3	34.2	21.9	7.1	1,3						100.0	8

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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12926	CURPUS CHRISTI, TEXAS	73-77		MAR
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		09
		CLASS		HOURS (L.S.T.)
		CONDITION		

(KNTS) DIR.	1.3	4-6	7 - 10	3.9	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	9.7	SPEE
NNE	1.3	.6	2.0	2.6	•6	.6				-		8.4	11.
	1.00		1.3	.6								2.6	9
NE	- 2	•6	1.0		- 4								
ENE	,6	1.3		1.3	•6					-		3.9	9
ŧ	1.3	1.9	5.8	2.6								11.6	8
ESE	1.3	1.9	5.2	3.9	• 6							12.9	9
SE		.6	4.5	6.5	1.9							13.5	11
- 885		1.9	109	6.4								12.3	11
\$		1.3	3.9	1.3								6.5	9
ssw		1.3	.6	.6								2.6	8
sw	1.3											1.3	2
wsw	.6	.6		.6								1.9	6
w	.6		.6									1.3	5
WNW	••	- 6	- ,,									.6	5
	.6	• 6	4		1.3	.6						3.9	13
NW		.6	• 6	2 4		• 0							
NNW	.6	. 6	.6	2.6	1.9							6.5	12
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	><	.6	
	9.7	14.6	30.3	34.8	8.4	1.3						100.0	10

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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WINDS

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CORPUS CHRISTI, TEXAS 12926 73-77 ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6		5.2		1.3							9.0	8.
NNE		2.6	1.9	.6	•6							5.8	8.
NE		1.3	2.6	3.9	• 6							8.4	11.
ENE		1.3	. 6	2.6	•6							5.2	10.
E	.6	1.3	2.6	2.6								7.1	- 9
ESE			4.5	5,2	1.9							15.3	12
SE		.6	3.2	5.8	2.6							12.3	12
SSE		.6	4.5	9.7	2.0	.6						18.1	13
5	,6	1.3		3.2	1.9							7.1	11
ssw		.6	.6									1.3	7
sw													
wsw													
w				.6								.6	14
WNW													
NW			3.9	1.9	•6							6.5	11
WHW		1.9	1.3	1.9	•6							5,8	10
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	><	•6	
	3.9	11.6	31.0	38.1	13.5	1.3						100.0	11

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION HARE

ALL WEATHER

CLASS

MORE (L.S.T.)

	2.6	8.4	24.5	46.5	12.3	5.8						100.0	12.
CALM	><	$>\!\!<$	><	><	$>\!\!<$	\times	$\geq \leq$	$\geq \leq$	><	><	><	.0	
VARBL													
ииw		.6	1.3	1.9		.6						4.5	12.
NW		.6	1.9	1.3	•6							4.5	10
WNW			1.9		• 6							2.6	11
w					•6							.6	18
wsw													
sw													
SSW													
5			.6	1.3	.6	.6						3.2	14
SSE		1.9	.6	7.1	3.2	1.9						14.8	14
SE			2.6	12.3	1.3	1.3						17.4	15
ESE	.6	1.9	6.5	6.5	2.6	1.3						19.4	11
E		1.3	2.0	7.1	.6							11.6	10
ENE			119	-2.6	6							5.2	11
NE		1.3	1.9	4.5	• 6							8.4	11
NNE	1.9	-	.6	.6								3.2	5
N		.6	1.9	1.3	.6							4.5	10
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

155

2926 STATION

CORPUS CHRISTI, TEXAS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

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	_				ALL WE	ATHER						HOURS	(L.S.T.)
	=				COM	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	2.6	1.9	2.6								7.7	8.8
NNE		. 6	1.3	1.3								3.2	9.2
NE	.6			.6								1.3	8.5
ENE		1.9	4.5	1.9								8.4	9.2
E		3.2	7.1	7.1	•6							18.1	10.2
ESE		2.0	5.8	9.0	1.3							18.7	11.6
SE		.6	1.3	16.1	1.3	.6						20.0	13.4
SSE		1.9	3.2	3.9	1.9							11.0	11.5
\$				1.3	1.3							2.6	16.0
ssw													
sw													
wsw													
w				1.3								1.3	13.0
WNW			.6	.6								1.3	11.5
NW		1.3		1.3								2.6	9.0
NNW		.6	1.3	.6	.6							3.2	10.8

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TOTAL NUMBER OF OBSERVATIONS

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CORPUS CHRISTI, TEXAS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

ROURS (LET.)

SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 28 - 33 ≥56 22 - 27 41 - 47 48 - 55 3.2 7.7 1.3 10.8 .6 N .0 3.2 11.0 1.9 1.3 18.0 .6 NE 2.6 ENE 1.3 3.9 1.3 7.8 4.5 2.6 17.4 7.7 E 9.1 11.2 9.9 3.9 4.5 18.1 ESE 9.7 22.6 2.6 7.1 1.3 10.3 SE 5.8 1.9 SSE . 5 . 6 5 1.3 14.5 . 6 .6 SSW 1.0 .6 . 6 SW WSW 3.0 .6 .6 WNW .6 22.0 .6 NW 1.9 11.7 .6 .6 NNW . 6 .6 9.7 30.3 .6 100.0

TOTAL NUMBER OF OBSERVATIONS

155

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

STATION HAME

ALL MEATHER

CLASS

MAR

MONTH

ALL

HOUSE (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	. 8	3.0	2.5	1.0							8.0	10.5
NNE	.7	1.1	1.5	2.2	• 4	•1						6.0	9.8
NE	.2	.5	1.2	1.8	.2							4.0	10.6
ENE	.4	1.6	2.2	1.4	• 2							5,8	8.5
E	1.0	2.1	5.1	3.2	• 2							11.6	8.8
ESE	.8	2.1	5.9	4.9	. 8	• 2						14.8	10.1
SE	.4	2.3	4.6	8.3	1.9	.5						17.7	11.6
SSE	.6	2.7	4.0	5.4	1.3	.3						14.3	10.8
5	. 2	• 6	1.2	1.4	.7	. 2						4.5	10.9
ssw	.2	.6	.4	.1	- 4							1.3	6.0
sw	. 3	.1										.4	2.6
wsw	.1	.2	.2	.1								.6	6.0
w	.2	• 1	•1	.2	•1							.7	8.7
WNW		• 2	.4	.1	•1							.7	9.6
NW	.2	.4	.9	.7	• 4	•2	•1					2.9	12.4
WNN	.3	.0	1.0	1.5	1.0	.3		3.7				4.8	12.4
VARBL													
CALM	\times	><	><	><	><	><	> <	> <	>	\sim	> <	2.1	
	6.5	16.2	31.5	33.6	8.2	1.6	•1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 1240

SURFACE WINDS

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SURFACE WINDS JAN

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77
STATION STATION MARE ALL WEATHER 00
CLASS HOURS (L.S.T.)

	5,3	18.0	28.0	38.0	6.7	.7	.7					100.0	10.
CALM	><	$>\!\!<$	><	><	$>\!\!<$	><	\times	><	> <	><	> <	2.7	
VARBL													
NNW			.7	1.3	1.3							3.3	15
NW			.7	.7								1.3	11
WNW						.7						.7	26
w													
wsw	.7	.7										1.3	4
sw													
ssw													
\$.7	1.3	2.7	1.3								6.0	8
SSE	.7	2.7	2.7	4.0	1.3		.7					12.0	11
SE	2.0	2.7	5.3	14.0	2.7							26.7	11
ESE	.7	4.7	5.3	7.3	•7							18.7	9
E	.7	2.7	3.3	4.7	.7						-	12.0	9
ENE			3.3	1.3								4.7	9
NE		.7	.7	1.3				-2-1				2.7	10
NNE		1.3	2.0	.7								4.0	8
N		1.3	1.3	1.3								4.0	9
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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SURFACE WINDS JAN 78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CONDITION

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7		3.3	1.3								5.3	8.5
NNE			2.0									2.0	9.0
NE	.7		2.7	1.3								4.7	8.
ENE		2.7										2.7	5.5
E	1.3	. 7	3.3	2.7								8.0	8.8
ESE	1.3	3.3	4.7	4.7	•7	.7						15.3	9.0
SE		1.3	8.7	14.7	1.3							26.0	11.
SSE	.7	2.7	4.7	4.0	.7							12.7	9.
S	1.3	2.7	.7	.7								5.3	6.1
SSW	.7	• 7	.7									2.0	5.0
sw	.7											.7	3.0
wsw		• 7										.7	4.1
w	4	.7										.7	6.0
WNW													
NW	1.3	.7	.7									2.7	4.0
NNW			1.3	1.3	1.3							4.0	14.2
VARBL													
CALM	X	><	\times	><	> <	> <	\times	> <	> <	\sim	>	7.3	
	8.7	16.0	32.7	30.7	4.0	.7						100.0	8.

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77 YEARS HONTH

ALL WEATHER O6

CLASS HOUSE (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			6.7	2.7	2.0							11.3	11.5
NNE		1.3	2.7									4.0	7.8
NE		2.0	.7	.7								3.3	6.4
ENE		1.3	2.7	.7								4.7	7.9
E		2.7	2.7	4.0								9.3	9.4
ESE	1.3	4.7	3.3	8.0								17.3	9.4
SE	1.3	3.3	4.0	9.3	1.3							19.3	10.3
SSE	.7	2.7	4.7	4.0								12.0	9.2
S	2.0		.7	1.3								4.0	6.7
SSW		•7										.7	6.0
sw													
wsw	1.3	.7										2.0	3,3
w		.7	1.3		,							2.0	6.7
WNW	.7											.7	2.0
NW		.7		1.3								2.0	11.0
NNW			1.3	1.3	.7							3.3	14.0
VARBL													
CALM	><	\times	><	><	><	\times	><	> <	> <	\sim	>	4.0	
	7.3	20.7	30.7	33.3	4.0							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 150

SURFACE WINDS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

STATION HAME

ALL WEATHER

CLASS

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MONTH

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.7	3.3	3.3	•7							11.3	9.2
NNE		.7	2.0	2.7	• 7							6.0	11.6
NE		.7	1.3	3.3	•7							6.0	11.7
ENE		1.4	• 7	.7								2.7	7.5
E	.7		4.0	6.7								11.3	10.6
ESE		2.0	2.7	12.0	2.7							19.3	12.2
SE	.7		3.3	12.0	•7							16.7	13.0
SSE		.7	5.3	4.0	2.0							12.0	11.6
5		2.0			•7							2.7	9,3
ssw		1.3										1.3	5.0
sw													
wsw													
w			.7									.7	8.0
WNW		1.3										1.3	4.0
NW	.7		.7	1.3	•7							3,3	12.0
NNW			1.3	2.7								4.0	11.5
VARBL													
CALM	><	> <	><	><	><	> <	> <	><	>	><	>	1.3	
	3,3	12.7	25.3	48.7	8.7							100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION

STATION HAME

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	2.0	4.7	1.3								8.7	7.5
NNE		2.0	4.0	2.0								8.0	9.2
NE		At the	4.0	2.0	.7							6.7	11.2
ENE	.7		3.3	2.0								6.0	9.1
E			2.0	4.7	.7							7.3	12.
ESE		1.3	2.7	14.0	5.3							23.3	14.0
SE			2.7	12.7	6.7	• 7						22.7	15.4
SSE			2.0	4.0	•7	.7						7.3	14.4
\$.7	.7	1.3	.7								3,3	7.0
ssw		.7										.7	6.0
sw													
wsw													
w													
WNW				.7								.7	13.0
NW	7.5		1.3	.7		.7						2.7	12.3
NNW			.7	2.0								2.7	12.0
VARBL													
CALM	><	><	><	><	> <	>	> <	> <	> <	><	> <	.0	
	2.0	6.7	28.7	46.7	14.0	2.0						100.0	12.

TOTAL NUMBER OF OBSERVATIONS

150

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73=77

STATION STATION HARE ALL WEATHER

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.7	2.0	.7								3.3	9.0
NNE	1.3	1.3	.7	1.3				0				4.7	6.7
NE		2.0	1.3	2.0	•7							6.0	9.6
ENE	.7		2.0	7.3	.7							10.7	12.1
E	.7	.7	4.0	7.3	•7							13.3	11.7
ESE			4.0	14.0	7.3	2.0						27.3	15.0
SE	.7		2.7	11.3	5.3							20.0	14.3
SSE		.7		2.0	1.3	1.3						5.3	16.1
\$			1.3	.7								2.0	10.3
SSW													
sw													
wsw				.7								.7	12.0
w													
WNW				.7								.7	11.0
NW			1,3	2.0	.7							4.0	12.7
NNW			.7	1.3								2.0	12.3
VARBL													
CALM	\times	><	><	><	><	><	><	\times	><	><	> <	•0	
	3,3	5.3	20.0	51.3	16.7	3.3						100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

APR

110

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5702 SURFACE WINDS JAN

78

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12926	CORPUS CHRISTI, TEXAS	73-77		APR
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		18
		CLASS		HOURS (L.S.T.)

	1.3	6.0	28.7	49.3	12.0	2.7						100.0	12.
CALM	\times	><	> <	> <	><	> <	\times	> <	$\geq \leq$	> <	$\geq \leq$	•0	
VARBL													
NNW			2.0	1.3								3,3	11
NW			.7	.7	•7							2.0	15
WNW													
w													
wsw													
sw													
SSW			1										
5		.7										.7	6
SSE			1.3	4.7	.7	.7						7.3	14
SE		2.0	2.0	10.0	3.3	1.3						18.7	13
ESE.			5.3	19.3	5.3	.7						30.7	14
E		1.3	9.3	9.3								20.0	10
ENE	.7	.7	4.0	2.0	.7							8.0	9
NE			1.3	.7	.7							2.7	13
NNE	.7	1.3	.7									2.7	4
N			2.0	1.3	•7							4.0	11
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

150

12926

SURFACE WINDS

2251

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5702

SURFACE

WINDS

JAN

78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS 73-77

ALL WEATHER

CLASS

AND YEARS

NORTH

ALL WEATHER

MOURE (L.S.T.)

SPEED MEAN WIND SPEED 28 - 33 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 ≥56 22 - 27 34 - 40 41 - 47 48 - 55 4.0 11.2 1.3 .7 N 1.3 9.0 1.3 1.3 NNE .7 2.0 NE .7 . 7 1.3 6.0 ENE .7 4.0 11.2 5.3 18.0 9.8 1.3 2.0 .7 9.3 E 2.7 2.7 17.3 30.7 ESE 7.3 11.4 10.0 .7 18.0 13.8 SF 4.0 3.3 11.3 SSE 1.3 4.7 1.3 10.6 S 14.0 SSW SW 6.0 . 7 WSW W W.W NW 14.1 1.3 2.0 NNW . 7 VARBL 2.7 CALM 2.7 10.7 28.7 45.3 8.7 .7 100.0 11.2

TOTAL NUMBER OF OBSERVATIONS 150

2

SURFACE WINDS

8888

0

5702

78

0

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73=77

STATION

ALL WEATHER

CLASS

HOURE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.3	.9	3.1	1.7	.4	•1						6.5	9.8
NNE	. 2	1.0	1.7	1.0	• 1							4.1	8.8
NE	.1	.7	1.6	1.5	.3							4.2	10.1
ENE	.2	.9	2.1	2.2	• 2							5.7	9.9
E	. 5	1.2	4.7	5.6	.3							12.4	10.4
ESE	.6	2,3	4.4	12.1	3.0	.4						22.8	12.3
SE	.6	1.2	4.1	11.7	3.0	.2	•1					21.0	12.9
SSE	. 3	1.3	3.2	3.7	1.0	.3	•1					10.0	11.6
5	.6	.9	. 8	.6	• 1							3.0	7.7
ssw	.1	.4	.1	.1								.7	6.4
sw	.1											.1	3.0
wsw	.2	.3		.1								.7	5.1
w		.2	.2									.4	6.8
WNW	.1	.2		.2		• 1						.5	10.0
NW	.2	. 2	•7	. 8	• 2	•1						2.2	11.2
NNW		•1	1.1	1.6	.7							3.4	13.2
VARBL													
CALM	\times	\times	><	><	><	><	\times	\times	> <	\sim	>	2.2	
	4.2	12.0	27.8	42.9	9.3	1.2	•2					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

1200

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION

STATION NAME

ALL WEATHER

CONDITION

CONDITION

MAY

MAY

MONTH

OO

MOURE (L.S.T.)

	7.7	18.7	34.8	31.0	5.2	.6						100.0	9.
CALM	>>	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	> <	> <	\times	\times	><	> <	1.9	
VARBL													
NNW				1.3	•6							1.9	14
NW													
WNW													
w	.6		-									.6	3
wsw		•6	6									1.3	7
sw		.6		.6								1.3	8
ssw	• •	**2	1.07	0								7.00	
5	.6	1.3	1.9	.6	2.00	••						4.5	7
SSE	1.9	1.9	8.4	10.3	2.6	.6						25.8	11
SE	.6	3.9	6.5	10.3	.6							21.9	9
ESE	1.3	4.5	7.1	4.5								17.4	6
ENE	1.3	3.2	6.5	.6								1.3	4
NE	.6		1.3	.6								2.6	8
NNE		• 6		.6								1.3	8
N		1.3	2.6	1.3	1.3							6.5	10
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIN

TOTAL NUMBER OF OBSERVATIONS

155

5702

SURFACE WINDS JAN

78

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

5702 SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926	CORPUS CHRISTI, TEXAS	73-77	MAY
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	03
		CLASS	HOURS (L.S.T.)
			10.00

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	2.0	1.9	1.3	1.3							7.7	9.
NNE			.6	1.9								2,6	11.
NE	1.3	.6	.6	.6								3.2	6.
ENE	.6											.6	3.0
E	1.3	2.6	2.6	1.3	• 6							8.4	7.
ESE		1.9	5.2	3.2	•6							11.0	9.
SE	3.2	3.9	10.3	3.2	•6							21.3	3.
SSE		3.9	4.5	10.3	1.3							20.0	11.
5	1.3	3.2	5.8	1.9								12.3	7.
SSW													
sw	.6	.6										1.3	3.
wsw	.6		.6									1.3	5.
w		. 6										.6	5.
WNW	.6											.5	2.
NW				.6								.6	12.
NNW			.6	.6								1.3	11.
VARBL													
CALM	><	><	><	><	><	><	><	><	$\geq \leq$	><	$\geq \leq$	7.1	
	10.3	20.0	32.9	25.2	4.5							100.0	8.

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

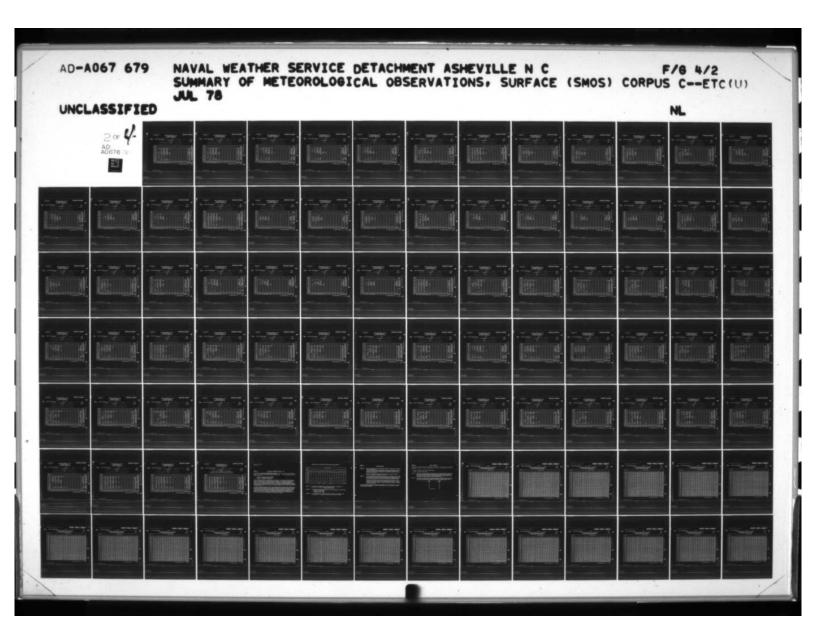
12926	CORPUS CHRISTI, TEXAS	73-77		MAY
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		06
		CLASS		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	2 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	2.6	2.6	1.3	.6						8.4	11.
NME		• 6	1.9	1.9								4.5	9.
NE		. 6	1.3									1.9	7.
ENE			1.3	1.9								3.2	11.
E	1.9	2.6	3.9	1.3								9.7	6.
ESE		3.2	3.9									7.1	7.
SE	1.9	3.9	11.6	5.2								22.6	8.
SSE	2.6	.6	8.4	4.5								16.1	8.
5	1.3	3.2	3.9	.6								9.0	6,
ssw	.6	.6										1.3	3.
sw		. 5										.6	6.
wsw													
w	.6	1.3										1.9	4.
WNW			.6									.6	10.
NW	.6	.0	.6									1.9	5.
NNW			4.6									2.5	8.
VARBL													
CALM	> <	\times	>	>	\times	\times	X	X	X		X	5.4	
	9.7	19.4	42.6	18.1	1.3	.6						100.0	7.

TOTAL NUMBER OF OBSERVATIONS

155

5702 SURFACE WINDS JAN 78





1225

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	CORP	US CHRI	STI, T	EXAS			73-77			YEARS			•	AY HONTH
		-				ALL WE	ATHER							09
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.6	1.3	1.9	1.9	1.3							7.1	10.3
ı	NNE		1.9	1.9	1.3								5.2	8.8
	NE		1.3	1.3	.6								3.2	8.6
١	ENE			2.6	1.9								4.5	9.1
[E		1.3	3.2	1.9								6,5	9.4
1	ESE		1.3	6.5	4.5								12.3	10.1
I	SE	1.3	1,3	6.5	13.5	3.2							25,8	11.7
[SSE		1.3	2.6	7.1	1.3							12.3	12.2
ſ	S	.6	.6	4.5	3.2	•6							9.7	10.0
-	SSW			.6			L. Larry						.6	8.0
I	sw	.6	.6										1.3	4.5
I	wsw		. 6										,6	5.0
	W	.6	.6	.6									1.9	5.3
	WNW	.6											.6	2.0
	NW		.6	.6	1.3								2.6	9.3
	NNW		2.6	.6	1.3	•6							5.2	9.3
	VARBL													

TOTAL NUMBER OF OBSERVATIONS

155

100.0 10.2

SURFACE WINDS

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WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS 12926 73-77 ALL WEATHER

SPEED (KNTS) DIR. MEAN WIND SPEED 17 - 21 1 - 3 4 - 6 7 - 10 11 - 16 22 - 27 28 - 33 ≥56 41 - 47 1.3 10.3 8.8 1.3 7.1 N 1.3 1.9 1.9 5.2 3.2 NNE 8.6 1,3 .6 NE 1.3 ENE 3.2 1.9 4.5 1.9 6.5 9.4 E 1.3 10.1 6.5 ESE 25.8 6.5 13.5 SE 1.3 1.3 3.2 7.1 SSE 2.3 1.3 2.6 .6 9.7 5 10.0 4.5 .6 .6 SSW .6 .6 SW . 6 . 6 .6 wsw 1.9 .6 .6 W .6 9.3 WNW .6 1.3 5.2

.6

TOTAL NUMBER OF OBSERVATIONS 155

.6

10.2

100.0

DIRNAVOCEANMET SMOS

NW

NNW

VARBL

CALM

.6

2.6

15.5

. 6

.6

33.5

38.7

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

MONTH

12

NOURS (L.S.T.)

CONDITION

	1.9	12.3	27.7	46.5	10.3	.6						100.0	11.
CALM	><	><	><	><	$>\!\!<$	><	$>\!\!<$	><	><	><	$\geq <$.6	
VARBL													
NNW			1.3	.6								1.9	9
NW	.6	•6		1.9								3.2	9
WNW			1.3									1.3	7
w				.6								.6	12
wsw		.6										.6	5
sw													
SSW													
5				1.3	• 6							1.9	15
SSE		•6	1.3	9.0	•6							11.6	13
SE		.6	7.1	16.1	5.8	.6						30.3	13
ESE		.6	6.5	9.7	•6							17.4	11
E		.6	3.2	1.9	•6							6.5	10
ENE		.0	1.9	2.6								5.2	10
NE	.6	3.9	2.6	1.3								8.4	6
NNE	.6	2.0	1.3		.6							5.2	7
N		1.3	1.3	1.3	1.3							5.2	11
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS JAN

78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION MANE

ALL WEATHER

CLASS

HOUSE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		• 6	1.3	.6								2.6	9,5
NNE			1.9	1.3								3.2	9.8
NE		2.0	3.2	1.9								7.7	8.3
ENE	.6	.6	2.6	2.6								6.5	9.3
E	.6	.6	5.2	7.1								13.5	10.6
ESE		3.2	5.2	14.8	•6							23.9	11.8
SE		.6	5.2	12.3	8.4	1.3						27.7	14.6
SSE			1.3	4.5	2.6	.6						9.0	15.8
5				.6								.6	14.0
ssw													
sw													
wsw													
w													
WNW				.6								.6	11.0
NW			.6	1.9								2.6	10.8
NNW		.6	.6	.6								1.9	9.0
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	> <	•0	
	1.3	9.0	27.1	49.0	11.6	1.9						100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

155

0

5702

SURFACE WINDS

JAN 78

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12926

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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5702 SURFACE WINDS JAN

CORPOS CHRISTIS TEXAS	73-77		MAY
STATION HAME		YEARS	MONTH
	ALL WEATHER		18
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.6	1.3	1.3								3.2	10.6
NNE			1.3		•6							1.9	12.7
NE		.6	.6	.6								1.9	8.3
ENE		• 6	7.1									7.7	8.5
E		3.9	9.0	5.2								18.1	9.4
ESE		. 6	10.3	14.8	1.9							27.7	11.9
SE		1.3	6.5	14.8	6.5	.6						29.7	13.8
SSE			.6	3.9	1.3							5.8	14.0
5			.6									.6	10.0
SSW													
sw													
wsw													
w													
WNW			.6	.6								1.3	9.0
NW													
NHW		.6	.0	.6					111-11			1.9	9.0
VARSL													
CALM	><	><	><	><	><	><	\times	> <	><	> <	> <	•0	
		8.4	36.7	41.9	10.3	.6						100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS

88 76

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5702

SURFACE WINDS

JAN

78

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CURPUS CHRISTI, TEXAS 12926 73-77 ALL WEATHER SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 ≥56 13.2 2.6 3.9 N .6 .6 9.0 NNE 1.3 1.3 6.3 NE . 0 1.9 ENE 1.9 .6 5.2 .6 8.4 . 8.4 .6 9.0 15.5 7.7 .6 1.9 10.6 9.7 20.0 31.0 SE .6 3.9 14.8 3.5 SSE 1.3 .6 3 .6 .6 SSW SW .6 1.3 3.0 .6 WSW .6 4.0 W .0 NW 1.9 10.0 NNW . 6 .6 .6 VARBL 1.3

36.8

12.3

TOTAL NUMBER OF OBSERVATIONS

10.1 155

100.0

DIRNAVOCEANMET SMOS

CALM

SURFACE WINDS

7

5702

SURFACE WINDS JAN

78

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0

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77 MAY
STATION MANE ALL WEATHER ALL
CLASS MOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.2	1.1	1.7	1.6	.9	•1						5.6	10.
NNE	.1	.7	1.3	.9	• 2							3.1	9.
NE	.3	1.4	1.5	.7								3.9	7.
ENE	.3	.0	2.2	1.1			•1					4.3	9.
	.7	2.3	5.2	2.7	• 2							11.2	8.
ESE	.2	1.9	6.8	7.6	•6							17.1	10.
SE	1.0	2.2	8.1	11.4	3.4	.3						26.3	11.
SSE	.7	1.1	3.9	7.2	1.4	.2						14.4	11.
5	.6	1.1	2.1	1.0	.2							5.0	8.
ssw	.1	•1	.1									.2	5.
sw	.2	.3		.1								.6	5.
wsw	.2	.3	.2									.6	5.
w	.2	.4	•1	.1								.8	5.
WNW	.2		.3	.2								.6	7.
NW	.2	.2	• 2	.7								1.4	8.
NNW		.6	.9	.6	• 2							2.3	9.
VARBL													
CALM	\sim	><	><	$>\!\!<$	><	><	$>\!\!<$	\times	\sim	\sim	> <	2.5	
	5.1	14.4	34.4	35.9	7.0	.6	•1					100.0	10.

TOTAL NUMBER OF OBSERVATIONS 1240

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1000

0

5702 SURFACE WINDS JAN 78

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5611

2926	CORP	US CHRI	STI, T	EXAS	73-77									JUN	
STATION		STATION NAME ALL WEATHER CLASS											OO HOURS (L.S.T.)		
	COMBITION														
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	N	:7		2.7									3,3	8.2	
	NNE														
	NE		.7										.7	5.0 6.0 6.1 8.3 9.9 8.8	
	ENE		.7	•7									1.3	6.0	
	E	1.3	4.7	2.7	.7								9.3	6.1	
	ESE	1.3	4.7	6.7	5.3								18.0	8.3	
	SE	1.3	6.0	12.0	14.7	1.3							35.3	9.5	
	SSE	2.7	4.0	10.0	8.7								25.3	8.8	
	S			1.3									1.3	9.0	
	ssw														
	sw	.7	.7	.7									2.0	5.3	
	wsw		.7										.7	4.0	
	w														
	WNW		.7										.7	4.0	
	NW														
	NNW														
	VARRE						-								

29.3

TOTAL NUMBER OF OBSERVATIONS

150

100.0

DIRNAVOCEANMET SMOS

0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

12926 CORPUS CHRISTI, TEXAS 73-77
STATION

ALL WEATHER

O3

CLASS

HOURS (LE.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			2.0									2.0	9.3
NNE		.7		1.3								2.0	11.0
NE		1.3										1.3	5.0
ENE	.7											.7	3.0
E	4.0	2.0										6.0	3.0
ESE	.7	2.7	5.3	1.3								10.0	7.1
SE	2.0	2.7	15.3	8.7	• 7							29.3	9.4
SSE	4.0	3.3	9.3	4.7								21.3	7.8
5	2.0	4.0	3.3	2.0								11.3	6.7
ssw													
sw	.7	.7										1.3	3.5
wsw	1.3	.7										2.0	4.0
w	2.0	2.0										4.0	3.3
WNW		.7										.7	5.0
NW	.7											.7	3.0
NNW				.7								.7	12.0
VARBL													
CALM	\times	> <	> <	> <	> <	> <	> <	> <	> <	\sim	> <	6.7	
	18.0	20.7	35.3	18.7	• 7							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

821

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5702 SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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ALL WEATHER CLASS ROU CONDITION	JUN		 	EARS	- Y	 73-77			STATIO	US CHR	CURP	STATION
CLASS	06					ATHER	ALL WE					
CONDITION	IRS (L.S.T.)	HOUR			,							
						DITION	сон			-		
			-					 	-	-		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.3	1.3	.7								4.7	6.6
NNE		2.0	.7									2.7	5.8
NE	.7	.7	1.3									2.7	5.8
ENE	.7	.7	1.3									2.7	5.8
ŧ	.7	1.3	2.0	.7								4.7	7.3
ESE	.7	2.7	.7	1.3								5.3	7.1
SE	2.7	4.0	11.3	4.0								22.0	7.9
SSE	5.3	3.3	10.7	6.7								26.0	7.8
5	2.0	1.3	4.7	2.0								10.0	7.8
ssw	.7		.7									1.3	5.5
sw	1,3	•7										2.0	2.7
wsw	.7		.7									1.3	4.5
w	.7	.7										1.3	4.5
WNW	.7	.7										1.3	4.5
NW	.7	.7										1.3	4.0
NNW	.7											.7	3.0
VARBL													
CALM	\sim	> <	> <	> <	>	>	> <	> <	\sim	\sim	>	10.0	
	19,3	20.0	35.3	15.3								100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

150

488

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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78

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12926	CORPUS CHRISTI, TEXAS	73-77		JUN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		09
		CLASS		HOURS (L.S.T.)
		CONDITION		

	10.0	18.0	29.3	38.0	3.3	•7						100.0	9,
CALM	><	><	><	><	><	><	><	><	><	><	><	.7	
VARBL													
NNW	.7	.7	.7									2.0	5
NW	.7											.7	3
WNW		.7							-/			.7	4
w	.7	.7										1.3	4
wsw	1.3											1.3	3
sw													
SSW	.7	2.0										2.7	4
5	2.0	1.3	1.3	6.7		.7			-			12.0	11
SSE	1.3	2.0	5.3	12.7	1.3							22.7	11
SE	.7	2.7	7.3	14.7	1.3							26.7	11
ESE	.7	2.7		2.0								5.3	7
E		2.7	2.7		• 7							6.0	8
ENE		• 7	2.0									2.7	7
NE		.7	3.3	.7								4.7	8
NNE		.7	2.0	1.3								4.0	9
N	1.3	•7	4.7									6.7	6
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

150

158

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0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION MANE

ALL WEATHER

CLASS

TOTAL

TOTAL

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TOTAL

HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	,7		2.0	.7								3.3	8,6
NNE	.7	2.0	2.7	1.3								6.7	7.1
NE		.7	8.0	2.7								11.3	9.
ENE		1.3	3.3	.7								5.3	8.
E		1.3	4.0	.7								6.0	8.
ESE		2.7	7.3	6.7	1.3							18.0	10.
SE		.7	7.3	14.7	4.7	.7						28.0	13.
SSE		1.3	1.3	6.7	6.0							15.3	15.
5				•7	•7	.7						2.0	18.
SSW													
sw													
wsw													
w													
WNW								- 8					
NW			.7	.7								1.3	10.
NNW	.7			.7								1.3	7.
VARBL													
CALM	><	><	><	><	><	><	> <	><	><	><	> <	1.3	
	2.0	10.0	36.7	36.0	12.7	1.3						100.0	11.

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 7 - 10 11 - 16 17 - 21 22 - 27 41 - 47 ≥56 7.5 N . 7 4.0 NNE 1.3 2.7 1.3 2.7 2.7 8.3 NE .7 1.3 12.0 9.4 ENE 8.0 2.7 5.0 8.7 2.7 14.7 9.7 E 12.0 2.7 13.3 24.7 ESE 6.0 .7 26.7 16.0 6.0 14.0 4.0 SSE 9.3 15.3 2.7 4.7 .7 1.3 11.5 1.3 5 .7 .7 SSW .7 6.5 .7 SW WSW WNW 5.0 . 7 NW 12.0 NNW VARBL 100.0 11.7 12.0 32.7 40.0 14.7

TOTAL NUMBER OF OBSERVATIONS 150

SURFACE WINDS

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SURFACE WINDS JAN

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77
STATION

STATION STATION NAME

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10 -	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			.7	1.3								2.0	11.0
NNE			1.3									1.3	7.0
NE			• 7	.7								1.3	10.0
ENE		.7	4.7	2.7								8.0	9.
E		4.7	7.3	6.7								18.7	9.
ESE		4.0	10.0	18.0	1.3							33.3	11.
SE	.7		4.0	18.0	5.3		0.14					28.0	13.
SSE			1.3	2.0	2.0							5,3	14.
5		.7	.7									1.3	6.
SSW													
sw													
wsw													
w													
WNW													
NW													
NNW													
VARBL													
CALM	\times	><	><	><	><	> <	\times	> <	> <	\sim	> <	.7	
	.7	10.0	30.7	49.3	8.7							100.0	11.

TOTAL NUMBER OF OBSERVATIONS 150

SURFACE WINDS

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SURFACE WINDS JAN

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

12926 CURPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

JUN

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HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.7	.7									1.3	6.5
NNE		.7	• 7									1.3	8.0
NE		1.3										1.3	5.0
ENE	.7		2.0									2.7	7.0
E	1.3	6.7	8.7	2.7								19.3	7.5
ESE		6.7	7.3	12.7								26.7	10.0
SE	2.0	2.7	8.0	22.0								34.7	11.1
SSE			•7	7.3	.7							8.7	12.5
\$.7										.7	5.0
SSW	.7											.7	3.0
sw		.7										.7	6.0
wsw				.7								.7	13.0
w		.7										.7	4.0
WNW													
NW													
NNW													
VARBL													
CALM	><	><	><	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	><	.7	
	4.7	20.7	28.0	45.3	•7							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION STATION HARE

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.5	.4	1.7	.3								3.0	7.1
NNE	.1	.9	1.2	.5								2.7	8.
NE	.1	.8	1.7	.6								3.2	8.
ENE	.2	.7	2.7	.7								4.4	8.
ŧ	.9	3.2	4.5	1.7	• 2							10.6	7.
ESE	.4	3,6	5.4	7.6	.7							17.7	10.
SE	1.2	2.4	8.7	14.1	2.4	•1						28.8	11.
SSE	1.7	1.8	5.0	6.4	1.8							16.7	10.
\$.7	1.0	1.5	1.5	•1	.2						5.0	9.
ssw	.2	.2	•1	.1								.7	5.
sw	.3	.4	.2									.9	4.
wsw	.4	.2	•1	.1								.7	4.
w	.4	.5										.9	3.
WNW	.1	.3										.4	4.
NW	.2	.2	.1	.1								.6	5.
NNW	.2	.1	.1	.2								.7	7.
VARBL													
CALM	><	> <	\times	\times	> <	><	> <	><	> <	><	> <	2.8	
	7.8	16.7	33.1	34.0	5.2	•2						100.0	9.

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CONDITION

CONDITION

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HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPED
N													
NNE													
NE													
ENE				.6								.6	12.0
E	.6	1.3	1.9									3.9	6,5
ESE	,6	3,9	4.5	1.9							/	11.0	7.6
SE	1,3	6.5	51.3	7.7								36.8	8,5
SSE	1.3	7.1	14.8	7.1	•6							31.0	8.8
S	1.3	1.3	6.5	3.2								12.3	8.3
SSW													
sw													
wsw	.6								-			.6	3,0
w				.6								.6	12.0
WNW													
NW				F. Street									
NNW													
VARBL													
CALM	><	$>\!<$	\times	\times	\times	> <	\times	> <	> <	\sim	> <	3.2	
	5.8	20.0	49.0	21.3	.6							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION ANE ALL WEATHER

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(L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N													
NNE													
NE			.6									.6	8.
ENE		•6										.6	5.
E	1.3	.6	1.3									3.2	5.
ESE	1.3	1.9	1.3	.6								5.2	6.
SE	.6	5.2	10.3	5.2								21.3	8,
SSE	4.5	6.5	15.5	3.2								29.7	7
S	3.2	9.7	11.0	3.9								27.7	6
SSW	.6	1.9	1.9									4.5	5,
sw	.6	.6										1.3	3,
wsw		.6										.6	4
w													
WNW		. 0										.6	6
NW													
NNW													
VARBL													
CALM	> <	> <	\times	> <	\times	\sim	> <	> <	> <	\times	> <	4,5	
	12.3	28.4	41.9	12.9								100.0	6

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

STATION ANKE

ALL WEATHER

CLASS

HOURS (L.S.T.)

	25.2	36.1	21.9	3.9								100.0	4,
CALM	><	><	><	><	><	><	><	><	><	><	><	12.9	
VARBL													
NNW					-1								
NW													
WNW													
w	1,3	•6										1.9	3
WSW	.6	.6										1.3	3
sw	1,3	.0										1.9	3
SSW	1,9	2.6										4,5	3
5	10.3	11.6	3.9	1.3								27.1	4
SSE	3.9	6.5	7.7									18.1	3
SE	2.6	7.1	7.1	1.3								18.1	6
ESE	1,3	3.2	.6	.6								5.8	5
E	1.3	1.9	.6									3.9	4
ENE	.6	.6										1,3	4
NE		•6		.6								1.3	9
NNE													
N			1.9									1.9	. 8
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73≈77

STATION

ALL WEATHER

CLASS

HOUSE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6		.6									1.3	5.0
NNE	1.3	1.3										2.6	4.3
NE		.6	1.3									1.9	7.
ENE	.6	.6	.6									1.9	5.
6	.6	1.3	1.9									3.9	6.
ESE		1.9	6.5	2.6								11.0	9.
SE		.6	7.7	7.7								16.1	10.
SSE	1.3	1.9	9.7	12.9								25.8	10.
5	1.3	1.9	12.3	5.8								21.3	8.
SSW		2.6	3.2								1	5.8	7.
sw	.6	.6										1.3	3,
wsw	.6											.6	3.
w	.6	.6										1.3	3.
WNW		.6										.6	5.
NW		.6										.6	4.
NNW	.6	1.3										1.9	3.
VARBL													-1
CALM	><	\times	><	$>\!\!<$	> <	><	><	\times	> <	><	> <	1.9	
	8.4	16.8	43.9	29.0								100.0	8.

TOTAL NUMBER OF OBSERVATIONS 155

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926	CURPUS CHRISTI, TEXAS	73-77		JUL
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		12
		CLASS		HOURE (L.S.T.)
		COMDITION		
	0			

	1.3	9.7	38.7	48.4	1.9							100.0	10.
CALM	\sim	\geq	\times	\geq	\geq	\times	\geq	\geq	\sim	\times	\times	•0	
VARBL							-	-				- 0	
								-				-	
NNW													
NW												-	
WNW													
w													
wsw													
sw													
ssw													
5		.6		1.9								2.6	11
SSE			5.2	14.8	1.3							21.3	12
SE		2.6	11.0	20.0	•6					- 1		34.2	11
ESE		3.2	11.0	7.1								21.3	9
£		.6	5.8	2.6								9.0	9
ENE			3.2	1.3								4.5	10
NE	.6	1.3	1.3									3.2	5
NNE		1.3	1.3									2.6	6
×	.6			.6								1.3	6
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WINI

TOTAL NUMBER OF OBSERVATIONS

12926 STATION

SURFACE WINDS

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SURFACE WINDS JAN

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS

STATION NAME

ALL WEATHER

CLASS

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YEARS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N													
NNE	1.3		1.3									2.6	5.3
NE				.6								.6	12.0
ENE			1.9		• 6							2.6	11.5
ŧ		• 6	3.9	7.7								12.3	11.1
ESE		.6	9.7	34.2	1.9							46.5	12.3
SE			3.9	23.9	•6							28.4	13.5
358		.6	1.3	3.2	1.3							6.5	13.4
5													
SSW													
sw													
wsw													
w													
WNW													
NW		. 6										.6	4.0
NNW													
VARBL													
CALM	><	$>\!\!<$	$>\!\!<$	\times	$>\!\!<$	$>\!<$	><	$>\!\!<$	><	$>\!\!<$	><	•0	
	1.3	2.0	21.9	69.7	4.5							100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	US CHRI	STATIO	NAME						YEARS				IUL
					ALL WE	ATHER							18
					CI	ASS			l p			HOUR	(L.S.T.)
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ν.													
NNE			.6									.6	10.
NE			.6									.6	8.
ENE	.6		1.9	.6								3.2	8.
E			7.7	1.9								9.7	9,
ESE			9.0	27.7	1.9							38.7	12.
SE			8.4	25.2	2.6							36.1	13,
SSE			1.3	7.7	1.9							11.0	14.
5													
SSW													
sw													
WSW													
W									-			-	
WNW			-						-			-	
NW									-				
VARBL													
CALM		·										.0	
CALM												-	
	.6		29.7	63.2	6.5	1						100.0	12.

TOTAL NUMBER OF OBSERVATIONS

155

3

0

CORPUS CHRISTI, TEXAS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

1888

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5702

SURFACE WINDS JAN

78

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					CON	IDITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ν.													
NNE													
NE			.6	.6								1.3	11.
ENE			6									.6	10.
E		.6	6.5	1.3								8.4	8.
ESE		3.2	14.2	6.5								23.9	9.
SE	.6	3.2	19.4	15.5								38.7	9.
SSE	.6	2.6	7.1	15.5	_							25.8	10.
S	.6											.6	3,
SSW													
sw													
wsw													
w													
WNW													
NW	,												
NNW		•6										.6	5.
WARRE			Service States		The state of the s	and the same of th	-						

39.4

TOTAL NUMBER OF OBSERVATIONS

155

100.0

DIRNAVOCEANMET SMOS

CALM

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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5702

SURFACE WINDS JAN

78

2926	CORPUS CHRISTI, TEXAS	73-77	JUL
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.2		.3	•1								.6	6.7
NNE	.3	. 3	.4								- 1	1.0	5.7
NE	.1	.3	.6	.2								1.2	8.0
ENE	.2	.2	1.0	.3	• 1							1.9	8.7
E	.5	.9	3.7	1.7								6.8	8.6
ESE	.4	2.3	7.1	10.2	• 5							20.4	10.5
SE	.6	3.1	11.1	13.3	.5							28.7	10.4
SSE	1,5	3.1	7.8	8.1	•6							21.1	9.7
5	2.1	3.1	4.2	2.0								11.5	7.0
ssw	.3	.9	.6									1.9	5.6
sw	.3	. 2										.6	3.6
wsw	,2	. 2										.4	3.4
w	.2	.2		.1								.5	4.7
WNW		.2										.2	5,5
NW		. 2										.2	4.0
NNW	.1	.2										.3	3.8
VARBL													
CALM	><	><	><	> <	> <	> <	> <	\sim	> <	\sim	> <	2.8	
	7.1	15.5	36.9	36.0	1.7							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

1240

0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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	US CHRI	STATION				73-7			YEARS				UG
					ALL WI	EATHER							00
					•	LASS						HOURS	(L.S.T.)
	_				cor	IDITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3										1.3	4.
NNE													
NE													
ENE		• 6	1.3	.6								2.6	8.8
ŧ	1.9	3.9	6.5									12.3	6.5
ESE	3.2	3.9	3.9	1.3								12.3	6.2
SE	1.3	3.9	14.8	6.5					1			26.5	9.0

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N		1.3										1.3	4.5
NNE													
NE													
ENE		•6	1.3	.6								2.6	8.8
E	1.9	3.9	6.5									12.3	6.5
ESE	3.2	3.9	3.9	1.3								12.3	6.2
SE	1.3	3.9	14.8	6.5								26.5	9.0
SSE	1.3	7.7	15.5	7.7								32.3	8.7
5	2.6	1.9	.6	1.3								6.5	5.8
ssw		.6							0			.6	5.0
sw													
wsw	.6		. 6									1.3	5.0
w													
WNW													
NW													
NNW													
VARBL													
CALM	><	><	><	><	><	\times	> <	> <	> <	><	> <	4.5	
	11.0	23.9	43.2	17.4								100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

ALL WEATHER

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		• 6										.6	5.0
NNE	.6											.6	2.0
NE			.6									.6	7.0
ENE	.6			.6								1.3	7.
E	1.3	3.9		.6								5.8	5.
ESE	1.3	1.9	1.3									4.5	5.
SE	1.9	5.8	2.6	.6								11.0	5.
SSE	2.6	6.5	13.5	4.5								27.1	7.
5	3.2	9.0	11.0	.6								23.9	6.4
SSW	2.6	1.3										3.9	3.
sw			.6									.6	7.
wsw	.6											.6	3.0
w	1.9	1.9										3.9	4.
WNW													
NW			.6									.6	7.0
NNW													
VARBL													
CALM	\sim	> <	>	><	> <	\sim	> <	> <	\times		>	14.8	
	16.8	31.0	30.3	7.1								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

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5702 SURFACE WINDS JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION MARE

ALL WEATHER

CLASS

HOURS (LAST.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	1.3	3.2									5.2	6.9
NNE			.0									.6	7.0
NE	.6	1.9	.6									3.2	5.0
ENE													
E	3.2	1.3										4.5	2.7
ESE	.6	3.2	1.3									5.2	5.3
SE	2.6	1.9	0									5.2	3.9
SSE	3.2	8.4	7.1	1.9								20.6	6.5
5	4.5	9.7	5.2	.6								20.0	5.2
ssw	1.3	1.3										2.6	3,5
sw	1.3	1.3	.0									3.2	4.4
wsw	2.6											2.6	2.0
w	2.6	.6										3.2	3.2
WNW		.6										.6	4.0
NW	.5	6	.6									1.9	4.3
NNW			1.3	1.3								2.6	10.8
VARBL													
CALM	\times	><	\times	\times	> <	> <	> <	\times	> <	>	> <	18.7	
	23.9	32.3	21.3	3.9								100.0	4,3

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS

JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION MAKE

ALL WEATHER

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CLASS

ROUTE (LS.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3,9	5.2									9.0	6.9
NNE	1,3	1.3	2.6	1.3								6.5	7.0
NE	.6	1.3	2.6	1.3								5.8	8.0
ENE			1.3									1.3	8.0
E		1.3	1.3									2.6	6.3
ESE		2.6	2.6									5.2	6.5
SE	.6	1.3	5.2	2.6								9.7	8.7
SSE		1.9	15.5	5.8								23.2	9.7
5	2.6	4.5	3.2	8.4								18.7	8.6
ssw		1.9	3.9									5.8	7.0
sw	1.9	1.3	.6									3.9	4.3
WSW		.6										.6	5.0
w													
WNW	1.3	.6	.6									2.6	4.0
NW	.6											.6	1.0
NNW	.6	1.9	.6									3.2	4.8
VARBL													
CALM	\times	><	><	><	> <	> <	\times	> <	> <	\sim	> <	1.3	
	9.7	24.5	45.2	19.4								100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

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5702 SURFACE WINDS JAN 78

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926	CORPUS CHRISTI, TEXAS	73-77		AUG
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		12
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3.9	.6									4.5	5.4
NNE		1.3	5.2	1.3								7.7	8.
NE		1.3	5.2	3.2								9.7	9,6
ENE			3.9	.6								4.5	9.
E	1.3	1.9	5.2	1.9								10.3	7.
ESE	. 6	1.3	6.5	6.5	.6							15.5	10,
SE		1.3	11.0	10.3								22.6	10.
SSE			7.7	10.3	1.9							20.0	12.
5		.6		1.9								2,6	10.
SSW													
sw		.6										.6	4.
wsw													
w													
WNW													
NW			. 0									•6	7,
NNW		.6										.6	6.
VARBL													
CALM	$\supset <$	> <	$>\!\!<$	> <	> <	> <	><	><	><	><	> <	.6	
	1.9	12.9	45.8	36.1	2.6							100.0	9.

TOTAL NUMBER OF OBSERVATIONS

155

5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73=77

STATION

ALL WEATHER

CLASS

AUG

HONTH

ALL WEATHER

15

HOURE (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6											.6	3,
NNE	.6	.6		.6								1.9	7.
NE		1.9	1.3	1.9								5.2	9.
ENE		.0	6.5	5.8								12.9	10.
E	.6	1.3	5.2	9.0								16.1	11.
ESE		2.6	7.1	20.6								30.3	11.
SE	.6		2.6	22.6	2.6							28.4	13.
SSE		.6		1.3	1.9							3.9	14.
5				.6								.6	12.
ssw													
sw													
wsw													
w													
WNW													
NW													
NNW													
VARBL													
CALM	><	><	$>\!\!<$	><	><	$>\!<$	> <	> <	> <	><	> <	•0	
	2.6	7.7	22.6	62.6	4.5							100.0	11.

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS

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SURFACE WINDS .

JAN 78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926	CURP	US CHRI	STI, T	EXAS			73-7	7						AUG
STATION			STATION	HAME		ALL WE	EATHER			YEARS				18
		_				c	LASS						HOUR	5 (L.S.T.)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
	N			.6									.6	10.0
	NNE	.6											.6	2.0
	NE				1.3								1.3	12.0
	ENE		.6	3.9	2.6								7.1	10.4
			2.6	12.9	8.4								23.9	9.7
	ESE		1.9	11.6	16.1	•6							30.3	11.1
	SE	.6		3.2	25.2	1.3							30.3	13,3
	SSE		• 6		3.9	.6							5.2	13.4
	5	.6											.6	2.0
	ssw													
	sw ·													
	WSW													
	w													
	WNW													
	NW													
	NNW													
	VARBL													
	CALM	><	><	\times	><	><	><	$\geq <$	><	><	\times	><	.0	
		1.0	5.0	22.2	87.4	2.6							100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 155

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS 12926 73-77 ALL WEATHER 5702 SURFACE WINDS SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 11 - 16 ≥56 48 - 55 N .6 5.0 . 6 5.2 6.0 NE .6 1.9 10.1 ENE 3.2 .6 1.9 21.3 7.1 11.6 E NO N 2.5 4.5 20.0 ESE 12.9 21.3 1.9 13.5 36.8 10.9 SE 78 .6 12.3 10.3 SSE 1.9 .6 5 5.0 0 SSW

> 1.9 100.0 9.3 TOTAL NUMBER OF OBSERVATIONS 155

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5.0

DIRNAVOCEANMET SMOS

SW WSW

WNW NW NNW

CALM

. 6

12926 STATION CORPUS CHRISTI, TEXAS

SURFACE WINDS

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SURFACE WINDS JAN

78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73 - 77

YEARS

ALL WEATHER

CLASS

HOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	,2	1.4	1.2									2.7	6.4
NNE	.4	.5	1.0	.4								2.3	7.1
NE	.2	. 9	1.3	1.0								3.3	8.5
ENE	.1	.2	2.5	1.5								4.4	9.9
E	1.1	2.9	5.3	2.7								12.1	8.
ESE	.7	2.5	5.9	6.1	•2							15.4	9,7
SE	1.0	2.0	6.7	11.1	.5							21.3	10.8
SSE	1.0	3.5	7.8	5.2	•6							18.1	9.
5	1.7	3.3	2.5	1.7								9.2	6.
SSW	.5	.6	.5									1.6	5.
sw	.4	.4	.2									1.0	4.
wsw	.5	•1	•1									.6	3,3
w	.6	.4										1.0	3.0
WNW	.2	.2	• 1									.4	4.0
NW	.2	.1	.2									.5	4.
WNN	.1	.3	.2	.2								.8	7.3
VARBL													
CALM	$\supset <$	> <	$>\!\!<$	$>\!<$	> <	> <	> <	> <	> <	\sim	> <	5.2	
	8.6	19.3	35.6	30.0	1.2							100.0	8.

TOTAL NUMBER OF OBSERVATIONS 1240

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

SEP
STATION

ALL WEATHER

CLASS

VEARS

VEARS

NOWTH

HOURE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N			3.3	4.0	2.0							9.3	12.7
NNE		.7	1.3	1.3	.7							4.0	11.8
NE	.7		2.7	.7								4.0	8.2
ENE		.7	.7	1.3	.7							3.3	11.6
E	.7	3.3	6.0									10.0	6.8
ESE	2.0	4.7	4.0	.7								11.3	6.6
SE	1.3	4.0	10.7	4.0								20.0	8.3
. SSE	.7	3.3	8.7	4.7								17.3	8.8
5	1.3	.7	• 7	2.7								5.3	8.3
ssw	7											.7	3.0
sw		.7	.7									1.3	5.5
wsw			.7									.7	10.0
w	,7											.7	3.0
WWW				.7								.7	16.0
NW					• 7							.7	18.0
WMM			• 7	.7								1.3	10.5
VARBL													
CALM	\times	><	><	><	> <	><	><	\times	><	><	> <	9,3	
	8.0	18.0	40.0	20.7	4.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

150

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SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

12926	CORPUS CHRISTI, TEXAS	73-77		SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		03
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.3	4.0	4.7	.7							12.0	9.5
NNE		.7	4.0	2.0	• 7							7.3	10.0
NE	.7	.7										1.3	4.
ENE		• 7		.7								1.3	9.
£	1.3	4.0	2.0									7.3	4.
ESE		1.3	4.0	1.3								6.7	8.3
SE	.7	2.0	2.0	1.3								6.0	7,8
SSE	3.3	3.3	6.7	2.0								15.3	7.
5	1.3	6.0	9.3									16.7	6.6
SSW			2.7									2.7	8.6
sw	,7	. 7										1.3	3.
wsw	KI IN PA	1.3	1.3									2.7	7.0
W	,7	.7		1.3								2.7	7.0
WNW	,7				• 7							1.3	11.0
NW	.7		.7	.7								2.0	8.0
NNW			.7	.7								1.3	11.5
VARBL									A				
CALM	$>\!\!<$	$>\!\!<$	$>\!<$	$>\!\!<$	$>\!\!<$	><	> <	$>\!<$	><	><	><	12.0	
	11.3	22.7	37.3	14.7	2.0							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77
SEP
STATION

ALL WEATHER
CLASS
CONDITION

CONDITION

SEP
MONTH
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	1.3	2.7	6.0	1.3							12.0	11.3
NNE	.7	1.3	2.7	2.7	• 7							8.0	10.0
NE		.7										.7	4.0
ENE													
E	1.3	2.7	1.3	.7								6.0	5.0
ESE	1.3	2.7										4.0	4.2
SE	.7	2.0	2.7	1.3								6.7	7.0
SSE	3.3	2.0	2.0		.7							8.0	5.
5	2.0	6.7	5.3	.7								14.7	6.0
ssw	.7	2.0	2.0									4.7	6.0
sw	.7	1.3	.7	.7								3.3	6.0
wsw		. 7	.7									1.3	7.
w	3.3	2.0	1.3									6.7	4.
WNW	2.0											2.0	2.
NW		2.0	• 7	.7		.7						4.0	10.2
NNW	1.3		1.3	1.3								4.0	8.0
VARBL													
CALM	><	><	><	$>\!\!<$	><	> <	><	><	><	\sim	> <	14.0	
	18.0	27.3	23.3	14.0	2.7	.7			19.			100.0	6.

TOTAL NUMBER OF OBSERVATIONS

50

5702 SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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12926 STATION	CORPUS CHRISTI, TEXAS	73-77		SEP
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		09
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	3,3	6.0	3.3	•7							14.0	9.0
NNE		2.0	4.0	4.7								10.7	9.6
NE	.7	2.0	1.3									4.0	5.
ENE	.7		1.3	.7								2.7	8.
E		.7	3.3									4.0	8.0
ESE		.7	2.0									2.7	7.
SE		2.7	5.3	2.0								10.0	8.
SSE		1.3	2.7	4.0	.7							8.7	11.
5	.7	2.0	3.3	6.0								12.0	10.
SSW		2.0	4.0	.7								6.7	7.
sw	2.0	1.3	.7									4.0	4.
wsw		. 7										.7	5.
w	1.3	.7	1.3	.7								4.0	6.
WNW	.7	1.3	1.3									3.3	5.
NW	.7			.7			.7					2.0	14.
NNW	.7	1.3	1.3	2.7	• 7							6.7	10.
VARBL													
CALM	><	><	><	><	> <	\times	> <	><	><	><	> <	4.0	
	8.0	22.0	38.0	25.3	2.0		.7					100.0	8.

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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12926 CORPUS CHRISTI, TEXAS 73-77

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NORTH

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COMBITION

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ALL MEATHER

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NOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.7	4.0	1.3								6.0	9.1
NNE		4.7	6.7	3.3	1.3							16.0	9.3
NE		3,3	6.7	1.3								11.3	8.6
ENE		2.0	1.3	.7								4.0	8.0
E		1.3	5.3	2.0								8.7	9.2
ESE		.7	7.3	3.3								11.3	9.5
SE		.7	8.0	3.3	.7				,			12.7	10.7
SSE			4.0	9.3								13.3	12.1
5				1.3	1.3							2.7	15.3
ssw				.7								.7	12.0
sw		.7										.7	6.0
wsw			• 7									.7	10.0
w			1.3									1.3	8.0
WNW				.7								.7	15.0
NW		.7	2.7				•7					4.0	11.5
NNW		.7	• 7	2.0	• 7							4.0	12.0
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	> <	2.0	
		15.3	48.7	29.3	4.0		.7					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77
SEP
STATION

ALL WEATHER
CLASS

COMBITTION

COMBITTION

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	2.0	2.7	1.3								6.7	7.9
NNE		1.3		2.7	• 7							4.7	12.4
NE	.7		4.7	2.0								7.3	9.4
ENE		1.3	6.7	1.3	• 7							10.0	9.2
E		2.0	10.7	4.7								17.3	9.5
ESE		.7	10.7	8.7								20.0	11.2
SE		.7	3.3	10.7	1.3							16.0	12.7
SSE			2.0	4.7	1.3							8.0	13.7
5													
SSW				.7								.7	16.0
sw													
wsw			.7									.7	8.0
w			.7	.7								1.3	10.5
WNW		.7										.7	4.0
NW			•7	1.3		.7						2.7	15.8
NNW			1.3	2.7								4.0	11.3
VARBL													
CALM	><	><	><	><	><	> <	> <	><	> <	><	> <	.0	
	1.3	8.7	44.0	41.3	4.0	.7						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

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5702 SURFACE WINDS JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

SEP

HOURS (LS.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.7	2.0	1.3								4.0	10.
NNE	.7		2.0	.7	• 7							4.0	9,
NE	.7	2.0	• 7	1.3	1.3							6.0	9.
ENE	.7	.7	4.7	2.0								8.0	8.
E		3.3	12.0	4.0								19.3	8.
ESE		2.7	8.7	10.0								21.3	10.
SE		1.3	6.7	11.3	. 7							20.0	11.
SSE			2.7	3.3	2.7							8.7	14.
5													
ssw													
sw				.7								.7	13.
wsw													
w													
WNW				.7								.7	13.
NW		1.3	• 7		• 7							2.7	10.
NNW		.7	1.3	1.3								3,3	10.
VARBL													
CALM	><	> <	> <	><	> <	\times	>	>	\times	\sim	>	1.3	
	2.0	12.7	41.3	36.7	6.0							100.0	10.

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

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SURFACE WINDS JAN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEYAS 73-77 SEP
STATION STATION HARE ALL WEATHER 21
CLASS HOURS (A.S.T.)

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.7	2.7	2.0		.7						6.0	11.4
NNE	.7	• 7	2.0	2.0	.7							5.0	9.9
NE		.7	1.3	.7								2.7	8.3
ENE	.7	.7	2.0	1.3	1.3							6.0	10.1
E	1.3	5.3	9.3	2.0								18.0	7.6
ESE	1.3	5.3	8.7	3.3								18.7	8.1
SE	1.3	2.0	8.0	6.0								17.3	9.0
338	.7	.7	4.7	8.7								14.7	10.9
5	2.0	.7	.7									3.3	4.2
ssw				.7								.7	11.0
sw	.7											.7	2.0
wsw													
w	.7											.7	3.0
WNW													
NW	•	.7		1.3								2.0	12.0
NNW			.7	.7								1.3	10.0
VARBL													
CALM	><	><	> <	> <	><	><	\times	> <	> <	\sim	> <	2.0	
	9,3	17.3	40.0	28.7	2.0	.7						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS 12926 STATION 73-77 ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	1.2	3.4	3.0	.6	•1						8.7	10.3
NNE	.2	1.4	2.0	2.4	• 7							7.6	10.
NE	.4	1.2	2.2	.7	•2							4.7	8.
ENE	.2	.7	2.1	1.0	.3							4.4	9.
E	.6	2.6	6.2	1.7								11.3	8.
ESE	.5	2.3	5.7	3.4								12.0	9.0
SE	.5	1.9	5.8	5.0	• 3							13.6	9.
SSE	1.0	1.3	4.2	4.6	.7							11.7	10.
5	.9	2.0	2.4	1.3	• 2							6.8	7.
ssw	. 2	.5	1.1	. 3								2.1	7.1
sw	.5	.6	.2	.2								1.5	5.
wsw		. 3	.5									.8	7.
w	. 3	.4	.6	.3								2.2	6.
WNW	.4	• 2	.2	.2	•1							1.2	7.
NW	.2	.6	.7	.6	• 2	•2	•2					2.5	11.
NNW	.2	.3	1.0	1.5	.2							3.2	10.
VARBL													
CALM	><	\times	> <	\times	\times	> <	\times	\times	\times	\sim	>	5.6	
	7.2	18.0	39.1	26.3	3.3	•2	.2					100.0	8,

TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION NAME

ALL WEATHER

CLASS

HOURE (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.3	3.2	3.2	•6							9.7	9.
NNE		2.6	1.3	3.9		.6						8.4	10.5
NE		.6										.6	4.0
ENE		1.3		1.9								3.2	9.4
E	2.6	3.2	4.5	.6								11.0	5,8
ESE	1.3	3.9	7.7	1.3								14.2	7.4
SE	.6	3.9	6.5	3.2	•6							14.8	8.6
SSE	1.3	2.5	3.9	2.6								10.3	8.3
5	.6	.0	3.2									4.5	7.0
SSW			.6									.6	8.0
sw	1,3											1.3	2,
wsw			.6									.6	8.0
w													
WNW	.6						•6					1.3	16.5
NW													
NNW		1.9		1.9	1.3	.6						5.8	13.0
VARBL													
CALM	><	> <	> <	> <	> <	> <	> <	> <	> <	><	> <	13.5	
	9.7	21.9	31.6	18.7	2.6	1.3	.6					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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12926	CORPUS CHRISTI, TEXAS	73-77		OCT
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		03
		CLASS		HOURS (L.S.T.)
	•			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.9	3.2	8.4	1.3							16.1	11.
NNE		.6		1.3	•6							2.6	12.
NE /		.6	.6	.6								1.9	8.
ENE	.6	.6	.6									1.9	6.
E	.6	1.9	.6	.6								3.9	6.
ESE	1.3	3.9	1.3									6.5	5.
SE	,6	5.2	5.2	3.9								14.8	8.
SSE	2.6	2.0	3.9	.6								9.7	6.
5	1.3	2.6	1.9	.6								6.5	6.
ssw	.6	•6	1.3									2.6	6.0
sw	1.3	.6										1.9	2.
wsw	.6	2.6										3.2	4.
w	1.9	1.3	.6	.6								4.5	3.0
WNW				.6								.6	12.0
NW	1.9				•6							2.6	6.
NNW		.6	1.3	1.3	1.3							4.5	12.
VARBL													
CALM	><	><	><	><	> <	> <	> <	> <	> <	><	>	16.1	
	14.8	25.8	20.6	18.7	3.9							100.0	6.

TOTAL NUMBER OF OBSERVATIONS

155

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12926 STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS
73-77
VEARS
ALL WEATHER
O6
NOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	1.3	5.2	5.2	•6							14.8	9.
NNE	1.9	.6	1.3	1.9	1.3							7.1	10.
NE		.6	.6	.6	•6							2.6	10.
ENE	1.3		.6		• 6							2.6	8.
E	1.3	1.3	.6	.6								3.9	5.
ESE	.6	1.9	.6	1.3								4.5	6.
SE	2.6	4.5	1.9	1.9	•6							11.6	6.
SSE	2.6	2.6	1.9	1.3								8.4	5.
5	2.6	.6	.6	.6								4,5	5.
SSW	1.3	.6										1.9	2.
sw			1.3							1-09		1.3	9.
wsw		1.3										1.3	5.
w	.6	3.2	. 6									4.5	4,
WNW		.6			•6							1.3	11.
NW	.6	1.9	•6	.6		.6						4.5	8.
NNW	.5	3.9	1.3	3.2	1.3							10.3	9.
VARBL													
CALM	><	> <	> <	> <	\times	> <	>	> <	> <	\times	> <	14.8	
	18.7	25.2	17.4	17.4	5.8	.6						100.0	6.

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

STATION AANE

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	3.2	7.1	3.9		.6						15.5	9.
NNE		2.6	6.5	1.9	1.3							12.3	9.
NE			1.3	1.3	.6							3.2	12.
ENE		1.9		.6								2.6	7.
E	1.3	1.3	1.9	.6								5.2	7.
ESE	.6	3.9	1.9	2.6								9,0	8.
SE		1.9	2.6	6.5	.6							11.6	11.
SSE	.6	1.9	3.9	2.6								9.0	9.
S		1.3	1.3	1.3								3.9	8.
ssw	1.9		•6									2.6	3,
sw	1.9		•6									2.6	4.
wsw	.6	.6	.6									1.9	4.
w		.6	.6									1.3	7.
WNW	.6			.6	1.3							2.6	13.
NW		1.9	1.9	.6	•6	.6						5.8	11.
NNW	.6	3.2	2.6	1.9	1.3							9.7	9.
VARBL													1111
CALM	><	><	>	><	><	><	> <	> <	\sim	\sim	><	1.3	
	9.0	24.5	33.5	24.5	5.8	1.3						100.0	9,

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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12926 CURPUS CHRISTI, TEXAS 73-77

STATION MARE

ALL WEATHER

CLASS

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.6	3.2	3.2	1.3							11.6	9.
NNE	.6	3.2	5.2	3.9	• 6							13.5	9.
NE		1.3	3.9	2.6	•6							8.4	9,
ENE	.6		1.9	1.9	•6							5.2	10.
ŧ		.6	3.9	.6								5.2	9.
ESE		1.3	5.2	3.9								10.3	9,
SE		. 6	4.5	7.7	1.3							14.2	11.
SSE		.6	4.5	5.8	1.9							12.9	12.
5		.6		.6								1.3	8.
SSW													
sw		.6										.6	6,
WSW													
. w		. 6										.6	4.
WNW		• 6		.6	.6							1.9	12.
NW		.6	1.3	1.9	•6							4.5	11.
NNW	.6	2.6	3.9	2.6								9.7	8,
VARBL													
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	\times	$>\!\!<$	> <	><	> <	><	><	•0	
	3.2	16.1	37.4	35.5	7.7							100.0	10.

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	.6	• 6	1.9	1.9	•6							5.8	10.6
NNE	.6	3.2	5.2	1.3	•6							11.0	8.4
NE		•6	3.9	5.2	1.3							11.0	11.2
ENE	.6	2.0	3.2	2.6								9.0	7.9
E		1.3	7.7	3.2								12.3	9.8
ESE		•6	7.1	6.5	•6							14.8	10.7
SE			6.5	8.4	3.2	.6						18.7	13.0
SSE			.6	3.2	.6							4.5	14.3
5													
ssw								- 0					
sw													
wsw													
w	.6	.6										1.3	2.5
WNW		• 6										.6	5.0
NW	.6	.6	1.3	2.6								5.2	9.6
NNW	.6	1.3	.6	1.3	1.3							5.2	10.6
VARBL							,						
CALM	\times	><	> <	\times	><	><	\times	>	\sim	\sim	> <	.6	
	3.9	12.3	38.1	36.1	8.4	.6						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

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SURFACE WINDS JAN

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SURFACE WINDS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION MANE

ALL WEATHER

CLASS

HOURE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	1.3	1.9	.6							5.2	10.9
NNE	.6	1.9	.6	1.3	•6	.6						5.8	10.7
NE	.6	2.6	1.9									5.2	6.5
ENE		4.5	3.9	2.6								11.0	8.1
E	1.9	6.5	11.6	1.3								21.3	7.3
ESE	.6	3.2	10.3	5.8								20.0	9.2
SE	.6	2.0	4.5	4.5	1.3							13.5	10.1
SSE	.6	•6	1.9	4.5								7.7	10.8
\$													
ssw													
sw													
wsw													
w	.6											.6	3.0
WNW	.6											.6	3.0
NW	.6		.6									1.3	5.5
NNW			.6	2.6	•6	.6						4.5	14.3
VARBL													
CALM	><	\times	\times	$>\!\!<$	><	> <	\times	> <	\times	><	>	3.2	
	7.1	23.2	37.4	24.5	3.2	1.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

155

12926

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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CORPUS CHRISTI, TEXAS WEATHER

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.9	•6	3.9								7.7	9.3
NNE		1.3	2.6	1.3		1.3						6.5	12.0
NE	1.3	• 0	.6	1.3	•6							4,5	8.3
ENE	1.3	3.9	1.9	1.3								8.4	6.3
E	1.9	4.5	6.5	1.3								14.2	6.9
ESE	1.3	1.9	9.0	1.9								14.2	7.9
SE	1.3	4.5	8.4	4.5								18.7	8.7
SSE	.6	3.9	3.2	3.2	.6							11.6	9.2
5	1.3		.6									1.9	4.0
SSW													
sw	. 6											.6	1.0
wsw	.6											.6	2.0
w													
WNW						T. T.							
NW .	. 5			.6								1.3	6.5
NNW				1.9	•6	.6						3.2	16.6
VARBL													
CALM	><	><	> <	$>\!\!<$	><	><	><	><	><	><	><	6.5	
	12.3	22.6	33.5	21.3	1.9	1.9						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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(KNTS)		US CHRI	STATION	HAME			73-77			YEARS				CT
SPEED 1 · 3 4 · 6 7 · 10 11 · 16 17 · 21 22 · 27 28 · 33 34 · 40 41 · 47 48 · 55 ≥ 56 % MEAN WIND						ALL WE	ATHER						1	LL
SPEED (KNTS) DIR. 1 · 3 4 · 6 7 · 10 11 · 16 17 · 21 22 · 27 28 · 33 34 · 40 41 · 47 48 · 55 ≥ 56 % MEAN SPEED WINK SPEED N 1 · 1 1 · 8 3 · 2 4 · 0 • 6 • 1 10 · 8 9 · 10 · 8 9 · 10 · 8 9 · 10 · 8 9 · 10 · 10 · 8 9 · 10 · 10 · 10 · 10 · 10 · 10 · 10 · 1						CI	ASS						HOUR	(L.S.T.)
SPEED 1.3						CON	DITION				_			
N		_												
NNE	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21		28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
NNE	N	1.1	1.8	3.2	4.0	•6	1						10.8	9.
ENE	NNE	.5	2.0	2.8	2.1	.6							8.4	9.
E 1,2 2,6 4.7 1.1 9.6 7, ESE ,7 2,6 5.4 2,9 .1 11.7 8, SE ,7 2,9 5.0 5.1 1.0 .1 14.8 9, SSE 1,0 1,9 3.0 3.0 .4 9,3 9,3 9, S ,7 ,7 1,0 ,4 2,8 6, SSW ,5 ,2 ,3 1.0 4,5 1.0	NE	.2	.9	1.6	1.5	• 5							4.7	9.
ESE	ENE		1.9	1.5	1.4	.2								
SE 7 2,9 5.0 5.1 1.0 .1 14.8 9. SSE 1,0 1,9 3.0 3.0 .4 9.3 9. S ,7 ,7 1.0 .4 2.8 6. SSW ,5 .2 .3 1.0 4. SW ,6 .2 .2 .2 1.0 4.	E	1,2	2.6	4.7	1.1								9.6	7,
SSE 1,0 1,9 3,0 3,0 4 S ,7 ,7 1,0 ,4 SSW ,5 ,2 ,3 SW ,6 ,2 ,2	ESE	.7	2.0	5.4	2.9	• 1							11.7	8.
\$,7 ,7 1.0 ,4 2.8 6, ssw ,5 ,2 ,3 1.0 4, sw ,6 ,2 ,2 1.0 4,	SE	.7	2.9	5.0	5.1	1.0	•1						14.8	9,
SSW 5 .2 .3 1.0 4.	SSE		1.9	3.0	3.0	.4							9.3	9.
sw .6 .2 .2 .2 1.0 4.	5		.7	1.0	.4								2.8	6.
SW 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SSW	.5	.2	.3	•									4.
wsw .2 .6 .2 1.0 4.	sw	.6	. 2	.2										
	wsw	.2	. 6	.2									1.0	4.

• 3

1.0

4.9

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TOTAL NUMBER OF OBSERVATIONS 1240

1.6

1.1

3.1

6.6

7.0

100.0

4.6

11.9 9.4 10.8

8.4

DIRNAVOCEANMET SMOS

.3

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1.7

21.5

.7

31.2

2.1

24.6

W

NW

NNW VARBL

CALM

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12926 STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

JAN 78

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CURPUS CHRISTI, TEXAS		YEARS	NOV
	ALL WEATHER		00
	CLASS		HOURS (L.S.1
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	4.0	5.3	7.3	1.3	.7						19.3	10.8
NNE	.7	1.3	• 7	1.3	.7							4.7	10.3
NE		1.3		1.3								2.7	9.0
ENE	.7	1.3										2.0	4.0
E		2.7	.7									3.3	5,6
ESE	.7	1.3	2.0	.7								4.7	6.9
SE	.7	6.0	4.7	4.0	•7							16.0	8.5
SSE	.7	4.0	6.0	3.3								14.0	8.2
5	2.0	4.0	2.0	2.0								10.0	6.9
ssw	1.3	.7	• 7									2.7	5.0
sw													
wsw	1.3											1.3	2.5
w	,7		,7									1.3	5.5
WNW			1.3									1.3	7.5
NW	.7				•7							1.3	10.5
NNW	.7			.7	2.0	•7						4.0	16.3
VARBL													
CALM	><	><	><	><	><	><	> <	><	><	><	> <	11.3	
	10.7	26.7	24.0	20.7	5.3	1.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

150

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SURFACE WINDS

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SURFACE WINDS JAN 78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

T2926 CORPUS CHRISTI, TEXAS 73-77

STATION

STATION MANE

ALL WEATHER

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	4.0	4.0	7.3	1.3	.7						18.0	10.8
NNE	2.0	2.0	2.0	1.3	• 7	.7						8.7	9.5
NE	.7	.7			• 7							2.0	8.0
ENE	.7											.7	3.0
E	.7	.7		.7								2.0	5.7
ESE		2.0	2.7	.7								5.3	7.5
SE		2.0	3.3	3.3								8.7	9.9
SSE	2.7	6.0	4.0	3.3	1.3							17.3	8.0
5	2.0	4.7	2.7	.7								10.0	5.9
ssw													
sw		1.3	• 7									2.0	5.0
wsw	1,3	1.3										2.7	3.0
W	.7	1.3										2.0	4.0
WNW	1.3		.7									2.0	3,3
NW						.7						.7	23.0
NNW	.7	.7	.7	5.3								7.3	12.5
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	> <	10.7	
	13.3	26.7	20.7	22.7	4.0	2.0						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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12926 CURPUS CHRISTI, TEXAS 73-77

STATION NAME

ALL WEATHER

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.0	6.0	6.7	1.3							16.0	11.4
NNE	2.0	2.0	• 7	4.7	2.0	•7						12.0	11.1
NE		1.3	•7	.7								2.7	8.0
ENE	.7	1.3										2.0	4.7
E	.7											.7	2.0
ESE	.7	1.3	2.0	1.3								5.3	8.1
SE	2.0	• 7	3.3	2.7								8.7	8.9
SSE	2.0	4.0	3.3	2.0								11.3	6.9
5	1.3	2.7	2.0									6.0	5.7
ssw	.7	1.3										2.0	4.3
sw	.7	1.3	.7									2.7	4.5
wsw	.7											.7	3.0
w	1.3	.7										2.0	3.0
WNW	2.0	.7	.7									3.3	4.4
NW		1.3	1.3	1.3								4.0	8.7
NNW	.7	2.7	2.0	2.0	1.3	.7	.7					10.0	12.1
VARSL													
CALM	><	\times	> <	> <	> <	X	> <	><	> <	\sim	> <	10.7	
	15.3	23.3	22.7	21.3	4.7	1.3	.7					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

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SURFACE WINDS

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SURFACE WINDS JAN 78

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77 NOV
STATION STATION HABE ALL WEATHER OS
CLASS HOURS (L.C.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3.3	6.0	6.0	2.7	1.3						19.3	11.8
NNE		2.7	2.0	5.3	2.0							12.0	11.9
NE	.7	.7	5.3	.7								7.3	7.7
ENE		.7		.7								1.3	10.0
E		. 7										.7	6.0
ESE	.7	1.3	2.0	2.0								6.0	9.2
SE			.7	5.3	1.3							7.3	13.5
SSE	.7	2.0	1.3	4.0								8.0	8.9
5	1.3	2.0	3.3	4.0								10.7	8.6
ssw	2.0	.7	1.3	.7								4.7	6.0
sw	1.3	.7										2.0	3.7
wsw	.7											.7	3.0
w			.7									.7	8.0
WNW		.7										.7	4.0
NW	.7	1.3	2.0	.7		.7						5.3	9.8
NNW	.7	2.7	4.0	2.0	1.3	.7						11.3	10.1
VARBL													
CALM	><	><	><	><	><	> <	\times	$>\!\!<$	> <	\sim	>	2.0	
	8.7	19.3	28.7	31.3	7.3	2.7				0.		100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

STATION NAME

ALL WEATHER

CONDITION

CONDITION

	4.0	13.3	27.3	41.3	12.7	1.3						100.0	11.
CALM	\times	><	><	\times	><	> <	> <	\times	\sim	\sim	> <	•0	
VARBL													
NNW	.7	2.0	4.0	4.0	1.3							12.0	10
NW		.7	3.3	2.0	• 7							6.7	10
WNW			.7	.7								1.3	12
w		.7										.7	5
wsw		.7										.7	4
sw		1.3										1.3	5
ssw		•7	2.0	1.3	-							4.0	9
\$				5.3	1.3							6.7	13
SSE			1.3	5.3	2.0	.7						9.3	14
SE			2.0	9.3	2.0							13.3	14
ESE			2.0	.7	.7							3.3	11
E			• 7	1.3								2.0	12
ENE	•		2.0	1.3								3.3	11
NE	.7	1.3	2.0	2.7					-			6.7	9
NNE	1.3	4.0	5.3	4.7	• 7	-						16.0	8
N	1.3	2.0	2.0	2.7	4.0	.7						12.7	12
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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12926	CORPUS CHRISTI, TEXAS	73-77		NOV
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		15
		CLASS		HOURS (L.S.T.)

0

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	2.0	4.7	6.7	• 7							14.7	10.
NNE	1.3	3.3	.7	2.7	• 7							8.7	8.
NE	1.3	2.7	.7	.7								5.3	5.
ENE	.7	1.3	2.0	3.3								7.3	9,
E		1.3	4.7	1.3								7.3	8.
ESE			2.0	5.3	.7							8.0	12.
SE			4.7	10.7	3.3							18.7	13.
SSE			1.3	6.0	2.0	.7						10.0	14.
5			•7	1.3	•7							2.7	13.
SSW													
sw													
wsw			•7									.7	7.
w	.7											.7	3.
WNW	.7	• 7	1.3	.7								3.3	7.
NW	.7		1.3	2.7	.7	.7						6.0	13.
NNW		• 7	2.0	2.0	•7	.7						6.0	12.
VARBL													
CALM	\sim	\times	\times	>	>	>	>	\sim	\sim	X	\sim	.7	
	6.0	12.0	26.7	43.3	9.3	2.0						100.0	11.

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

NOV

HONTH

HOUSE (L.S.T.)

	11.3	20.0	26.7	28.7	6.7	1.3						100.0	8,
CALM	><	><	><	><	$>\!\!<$	><	$>\!<$	$>\!\!<$	><	><	$>\!<$	5,3	
VARBL													
NNW			2.0	1.3	.7	1.3						5,3	15
NW		2.0	1.3	.7								4.0	7
WNW	1.3	.7										5.0	2
w													
wsw													
sw													
ssw	.7											.7	2
5			2.0	.7								2.7	9
SSE		1.3	3.3	2.0	1.3							8.0	10
SE	2.7	3.3	5.3	9.3								20.7	9
ESE	1.3	4.0	2.0	6.0	.7							14.0	9
E	.7	4.7	4.0			WZ TZ						9.3	6
ENE	2.7	1.3	1.3	1.3								6.7	6
NE			.7	.7								1.3	12
NNE	1.3	• 7	1.3	1.3	1.3							6.0	9
N	77	2.0	3.3	5.3	2.7							14.0	11
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS JAN

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12926	CORPUS CHRISTI, TEXAS	73-77	VOV
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	21
		CLASS	HOURS (L.S.T.)

	8.0	18.7	32.0	23.3	5.3	7						100.0	8.
CALM			X			$\overline{}$	X	>	>		$\overline{}$	12.0	
VARBL													
NNW	.7		3.3	2.0	•7	• 7						7.3	12.
NW	•												
WWW	:7	1.3										2.0	3
w	.7											.7	2
wsw													
ssw sw													-
	2.0	1.3	2.0	6.1								8.0	- 5
332	20	4.0	2.7	2.7	•7							10.0	8
SE	• 4	1.3	8.0	6.0	• 7							16.7	10
ESE	1,3	3.3	4.7	1.3	.7							11.5	7
E	1.3	2.7	2.0	.7	19							5.3	7
ENE	.7	1.3	2.0									4,0	6
NE			.7	.7								1,3	11
NNE	.7	2.0	2.7	2.7								8.0	9
N		1.3	4.0	5.3	2.7							13.3	12
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIN

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926	CORPUS CHRISTI, TEXAS	73-77		NOV
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		ALL
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.5	2.0	4.4	5.9	2.1	.4						15.9	11.4
NNE	1.2	2.2	1.9	3.0	1.0	• 2						9.5	9.
NE	.4	1.0	1.2	.9	•1							3.7	8.
ENE	.7	.9	.9	. 8								3.4	7.
E	.2	1.6	1.5	.5								3,8	7.
ESE	.6	1.7	2.4	2.2	• 3							7.2	9.
SE	.7	1.7	4.0	6.3	1.0							13.7	10.
SSE	.8	2.7	2.9	3.5	• 9	• 2						11.0	9.
\$	1.1	1.8	1.8	2.1	.2							7.1	8.
SSW	.6	. 4	.5	.2								1.7	6.
sw	.2	. 5	.2									1.0	4.
wsw	.5	• 2	•1									.8	3.
w	.5	. 3	.2									1.0	4.
WNW	.7	.5	.6	.2								2.0	5.
NW	,2	.7	1.2	,9	• 2	.2						3.5	10.
NNW	.5	1.1	2.2	2.4	1.0	•6	•1					7.9	12.
VARBL													
CALM	><	><	> <	$>\!<$	><	><	> <	> <	> <	><	> <	6.6	
	9.7	20.0	26.1	29.1	6.9	1.6	•1					100.0	9,

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

0

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5702 SURFACE WINDS JAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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5702

SURFACE WINDS JAN

78

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12926 STATION	CORPUS CHRISTI, TEXAS	73-77	YEARS	 DEC
		ALL WEATHER		00
		CLASS		OURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	1.3	4.5	8.4	2.6							17.4	11.7
NNE	1.9	1.9	2.6	1.3	• 6							8.4	7.6
NE	.6	1.3		.6								2.6	7.0
ENE	.6			.6								1.3	6.5
E	.6		1.3	.6								2.6	7.5
ESE	.6	.6	1.3	.6								3.2	6.6
SE		1.9	3.2	1.9								7.1	9.8
SSE		1.3	3.2	3.2								7.7	11.2
5	1.3	1.9	7.7	2.6								13.5	8.1
SSW	1.3	2.0	1.3									5.2	5.3
sw	1.3											1.3	2.5
wsw	.6	.6										1.3	3.0
w		.6										.6	4.0
WHW	.6			.6	•6							1.9	12.0
NW	1.3	1.3	1.9	.6		•6						5.8	8.3
NNW	.6	1.9	3.2	3.2								9.0	9.3
VARBL													
CALM	><	><	><	><	> <	> <	\times	> <	> <	> <	> <	11.0	
	12.3	17.4	30.3	24.5	3.9	.6						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

DEC

MONTH

O 3

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	3.9	9.0	6.5	1.9							23.2	9.9
NNE	.6	1.3	3.9	3.9								9.7	9.3
NE	.6	.6	.6									1.9	4.3
ENE	.6		.6									1.3	5.0
E	1.3	.6		.6								2,6	5.0
ESE	.6		1.9									2.6	7.0
SE	.6	• 6	2.6	1.9								5.8	9.4
SSE	.6	1.9	3.2	3.2								9.0	9.4
5	.6	2.6	5.8	1.9								11.0	8.0
ssw	1.3	1.3	1.3									3.9	5,3
sw		.0										.6	4.0
wsw		1.5										1.3	4,5
w	1.3			.6								1.9	6.0
WNW	.6	.6	•6				•6					2.6	11.0
NW	1,3	1.3	1.3	1.3								5.2	8.1
NNW	1.3	.6	1.9	3.2	.6							7.7	10.0
VARBL			7										
CALM	><	><	><	$>\!\!<$	> <	$>\!<$	><	><	><	$\supset <$	> <	9.7	
	13.5	17.4	32.9	23.2	2.6		.6					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

155

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SURFACE WINDS

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SURFACE WINDS

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SURFACE WINDS JAN

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155

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION

ALL WEATHER

CLASS

CLASS

CORPUS CHRISTI, TEXAS

POEC

ROUTE

NOURE (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2,6	1.9	5.2	5.2	6.5							21.3	12.
NNE	.6	3.2	5.8	2.6		.6						12.9	8.
NE	.6	.6	1.3	.6								3.2	6.
ENE													
E	.6		.0									1.3	6.
ESE		1.3		1.3								2.6	8.
SE		1.3	3.2	1.3								5,8	9.
SSE	.6	1.3	2.6	1.3	•6							6.5	9.
\$		1.9	7.7	2.6								12.3	8,
SSW		1.3	1.9									3.2	6.
sw	.6	2.6	.6									3.9	4.
wsw	.6	.6	. 6									1.9	4.
w	.6	.6	1.3									2.6	6.
WNW			.6	.6		•6						1.9	15.
NW	.6	3.9	.6	1.3	•6							7.1	7.
MMM		1.9	2.6	1.9								6.5	8.
VARBL													
CALM	><	><	\times	> <	\times	\times	> <	><	><	\sim	> <	7.1	
	7.7	22.6	34.8	18.7	7.7	1.3						100.0	8,

TOTAL NUMBER OF OBSERVATIONS

12926

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CORPUS CHRISTI, TEXAS

T3-77

VEARS

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ALL WEATHER

O9

CLASS

HOURE (LET.)

SPEED (KNTS) DIR. MEAN WIND SPEED 22 - 27 9.6 5.8 7.1 7.7 3.9 25.2 .6 .6 9.0 3.9 NNE . 6 3.9 1.3 NE . 5 5.0 9.5 ENE 1.3 7.5 .6 .6 1.3 1.9 ESE 7.0 1.3 . 6 2.6 3.2 SE 11.7 9.4 1.3 3.2 6.5 SSE 1.3 .6 10.3 3.2 5 1.3 5.8 1.9 1.3 4.5 8.4 1.3 SSW .5 3.2 2.6 4.8 SW 3.9 5.3 1.3 .6 WSW . 6 .6 1.3 17.0 WNW .6 .6 3.2 5.2 8.9 9.0 NNW 1.3 3.9 1.3 2.6 1.3 10.3 VARBL 7.1 CALM

TOTAL NUMBER OF OBSERVATIONS

155

8.8

100.0

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SURFACE

WINDS

8888

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(3)

(1)

DIRNAVOCEANMET SMOS

9.0

20.0

27.1

30.3

5.2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1175

0

5702

SURFACE WINDS

JAN

12926	CORPUS CHRISTI, TEXAS	73-77		DEC
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		12
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	4.5	3.9	6.5								17.4	8.
NNE		1.9	3.9	5.2	•6							11.6	10.
NE		1.3	3.9	.6								5.8	8.
ENE		1.9	1.3									3.2	6.
E		.0	. 6	.6								1.9	7,
· ESE			.6	.6								1.3	11.
SE		.6	.6	4.5	•6							6.5	13.0
SSE		.6	3.9	5.8	3.2	.6						14.2	13.
\$			2.6	5.8	• 6							9.0	12.9
SSW		1.3		1.9								3.2	9.1
sw		1.3										1.3	5.
wsw		. 0										.6	4.1
w		.6		1.3	• 6							2.6	11.
WNW	.6	.6		.6								1.9	7.
NW	.6	.6	2.6	.6	•6		.6					5.8	11.4
NNW	3.2	1.3	3.2	1.9	1.9							11.6	9.0
VARBL													
CALM	><	\times	\times	$>\!\!<$	$>\!\!<$	$>\!<$	$>\!\!<$	$>\!<$	><	><	><	1.9	
	7.1	18.1	27.1	36.1	8.4	.6	.6					100.0	10.

TOTAL NUMBER OF OBSERVATIONS

155

8490

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

8991

0

5702 SURFACE WINDS JAN 78

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12926	CORPUS CHRISTI, TEXAS	73-77	DEC
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	15
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6 .	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.3	4.5	5.8	.6							13.5	10.0
NNE		2.6	5.2	1.3	• 6							9.7	8.1
NE	,6	1.3	4.5	3.2								9.7	8.
ENE	.6	.0	1.9	1.3								4.5	8.6
E		1.3	1.3	.6								3.2	8,2
ESE				1.9	• 6							2.6	14.0
SE			2.6	5.2	2.6							10.3	13.9
SSE		1.3	3.9	7.7	2.6	1.3						16.8	13.6
5		.6	1.9	3.2	•6							6.5	11.4
ssw	.6											.6	3.0
sw													
wsw		.6										.6	4.0
w	.6			.6								1.3	7.5
WNW			1.3	.6								1.9	11.0
NW	.6		3.2	1.3	1.3							6.5	11.1
NNW	1.9	2.6	1.9	1.9	•6							9.0	7.6
VARBL													
CALM	><	> <	> <	><	><	><	> <	> <	> <	\times	> <	3.2	
	6.5	12.3	32.3	34.8	9.7	1.3						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

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12926

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4980

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CURPUS CHRISTI, TEXAS 73-77 ALL WEATHER

SPEED (KNTS) MEAN WIND SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 28 - 33 22 - 27 34 - 40 41 - 47 48 - 55 ≥56 N 4.5 1.9 10.3 11.8 1.3 2.6 7.1 1.9 8.1 NNE 5.8 3.2 1.9 1.9 .6 NE ENE 1.3 3.9 5.2 .6 .6 1.9 4.5 8.4 6.8 E 1.3 1.3 3.2 7.1 1.3 1.3 ESE 5.8 7.4 2.0 1.9 9.7 12.3 SE 4.5 3.9 1.3 15.5 SSE 3.2 2.5 5 3,2 1.3 .0 1.3 1.3 SSW .6 4.0 SW . 6 WSW 1.9 1.9 2.3 W 1.9 11.7 1.3 WNW . 6 1.3 .6 NW .6 2.6 .6 6.5 1.3 1.3 NNW 7.1 CALM 9:0 27.1 24.5 8.3 .6 100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTIS TEXAS 73-77

STATION

STATION HAME

ALL WEATHER

CLASS

DEC

HONTH

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.6	5.2	5.2	2.6							16.8	10.8
NNE	.6	3.2	4.5	1.3								9.7	7.3
NE	.6	.6	.6									1.9	4.3
ENE	2.6	1.3	.6									4.5	3.9
E	1.9	1.9	.6									4.5	3.5
ESE	1.3	1.3	.1.3	1.3								5.2	8.1
SE	1,3	1.3	1.3	3.2								7.1	9.3
SSE	,6	1.3	5.2	7.1								14.2	10.
\$.6	2.6	2.6	3.2								9.0	8.9
ssw		•6		.6								1.3	7.5
sw													
wsw													
w		.6										.6	6.0
WNW				.6								.6	15.0
NW		• 6	1.9	.6		1.3						4.5	12.4
NNW	.6	1.3	1.9	3.9	1.3							9.0	10.9
VARSL			TO STATE										
CALM	><	><	><	><	> <	> <	> <	> <	><	><	> <	11.0	
	11.6	19.4	25.8	27.1	3.9	1.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION STATION HAME

ALL WEATHER

CLASS

DEC

HONTH

ALL

HOURE (LET.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.8	5.2	6.2	2.5	•1						18.1	10.
NNE	.6	2.2	4.4	2.7	• 2	•1						10.2	8.
NE	.6	1.2	1.6	.6	•1							4.1	7.1
ENE	. 8	.6	.9	.2						ł		2.5	6.2
E	.7	1.1	.8	.6								3.2	6.4
ESE	.3	.9	1.0	.9	• 1							3.1	8.2
SE	,2	1.0	2.6	3.1	.6							7.6	11.1
SSE	.6	1.5	3.3	4.8	8.	• 2						11.3	11.
S	,3	1.5	4.4	3.0	• 2							9.4	9.4
SSW	.6	1.0	. 8	.5								2.9	6.6
sw	,3	1.0	•1									1.4	4.4
wsw	.3	.6	•1	.1								1.0	4.4
w	.7	.0	.2	.4	• 1							1.9	6.3
WNW	.2	.2	•5	.6	• 1	.2	•1					1.8	12.1
NW	.8	1.1	1.5	1.4	• 3	.3	•1					5.5	9.9
NNW	1.2	2.0	2.2	2.4	• 9							8.7	9.2
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	> <	7.3	
	9.6	19.3	29.5	27.4	5.9	.9	•2					100.0	8.

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CURPUS CHRISTI, TEXAS 73-77

STATION STATION HAME ALL WEATHER ALL HOURS (LIST.)

DINDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	1.5	3.0	3.1	.9	•1						9.2	10.4
NNE	.5	1.3	2.0	1.7	•4	.1						6.0	9.4
NE	. 3	1.0	1.5	1.0	.1	.0						3.8	8.0
ENE	.4	.9	1.8	1.1	•1		•0					4.2	8.0
E	.8	2.0	3.7	1.8	•1							8.4	8.
ESE	.6	2.1	4.5	5.2	• 5	•1						13.0	10.
SE	.7	2.1	5.0	8.4	1.3	•1	•0					18.3	11.0
SSE	.8	2.1	4.4	5.0	.9	•1	•0					13.4	10.
\$.9	1.6	2.1	1.5	• 2	•1						6.4	8.
ssw	. 3	.5	.5	.1								1.4	6.2
sw	.3	.4	.2	.0								.9	4.
wsw	,3	.3	•1	.1								.7	5.0
w	.4	.4	.2	.1	• 0							1.2	5.0
WNW	.2	.2	.3	.2	• 1	.0	•0					1.1	9.
NW	.3	.5	.8	.8	• 2	.2	•0					2.7	10.0
NNW	.4	8.	1.1	1.6	•6	.2	•0					4.7	11.0
VARBL													
CALM	><	><	><	$>\!\!<$	><	> <	> <	><	> <	\sim	> <	4.6	
	7.8	17.7	31.7	31.7	5.6	.9	•1					100.0	9.

TOTAL NUMBER OF OBSERVATIONS

14608

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SURFACE WINDS JAN 78

4186

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 CORPUS CHRISTI, TEXAS 73-77

STATION STATION NAME

INSTRUMENT

CLASS

CLG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

AND/OR VSRY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.5	1.0	4.9	6.6	2.0	.3						16.1	11.
NNE	.3	.9	2.1	2.6	1.1	.5						7.5	12.
NE	.3	.9	1.2	1.6	•2	• 0						4.3	9.
ENE	.4	. 9	1.5	1.0	.2							4.0	8,
E	,4	. 6	2.2	2.0	• 3							5.5	10.
ESE	.4	1.3	3.1	4.5	• 6	• 2						10.3	11.
SE	, 3	1.0	3.9	9.0	1.8	• 2	•0					15.2	12.
SSE	.4	1.2	3.5	4.5	1.5		• 0					11.1	11.
5	.5	1.1	1.5	1.6	• 4	• 2						5.3	9.
SSW	.2	.4	.3	.1								1.0	6.
sw	.2	.4	.1	.0								.7	5.
wsw	.1	.1	•1	•1								.5	6.
w	,3	.7	.2	.3								1.4	6.
WNW	.2	.4	.6	.2	• 1	•0						1.6	8.
NW	,3	.6	1.4	1.2	•1	.4	• 0					4.0	10.
NNW	.6	. 8	2.5	3.1	1.0	.4						8.5	11.
VARBL													
CALM	><	> <	><	><	><	> <	> <	> <	> <	><	> <	2.1	
	5.3	13.1	29.1	38.5	9.6	2.2	.1					100.0	10.

TOTAL NUMBER OF OBSERVATIONS 2200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

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NWSD, Federal Building Asheville, N. C.

PART D

(4)

CEILING VERSUS VISIBILITY

This summary is a <u>bivariate percentage frequency distribution</u> by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	BILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING		<u></u>			~	<u></u>	\sim	<u> </u>	<u></u>		_			\sim	~	
≥ 1800 ≥ 1500	J Zeu	i al)		91.0	ar area.	e la g			i v _e n))			92.6
≥ 1200 ≥ 1000				0 100	12/11/2					-y i y s b		1/2		167		, = , 0
≥ 900 ≥ 800	321															
≥ 700 ≥ 600										riada Piada	102.31	Ala			1 113	
≥ 500 ≥ 400				•						97.4						98.1
≥ 300 ≥ 200		2 3/2				bl i	119	61800 61800		dialy	50 E1	1200		T serve	p (101)	
≥ 100 ≥ 0					95.4	To and	96.9			98.3	Thought !		one Li			100.

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%.

 Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%.

 Visibility ≥ 2 miles = 96.9%.

 Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS		TENTHS
0		0
1		1
2		3
3		4
4		5
5		6
6		8
7		9
8 (or c	obscured)	10

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HQURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	36.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	40.7	40.7
≥ 20000	38.1	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6	42.6	43.9	43.9
≥ 18000 ≥ 16000	38.1	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41,9	42.6	42.6	42.6	42.6	42.6	43.9	43.9
≥ 14000 ≥ 12000	38.1	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6	42.6	43.9	43.9
≥ 10000	39.4	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	45.2	45.2
≥ 9000	39.4	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	45.2	45.2
≥ 8000	40.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	45.8	45.8
≥ 7000	40.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	45.8	45.8
≥ 6000	40.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	45.8	45.8
≥ 5000	40.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	45.8	45.8
≥ 4500	40.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	40.5	46.5	46.5	46.5	46.5	47.7	47.1
≥ 4000	41.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.1	47,1	47.1	47.1	47.1	48.4	48,4
≥ 3500	43.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48,4	49.0	49.0	49.0	49.0	49.0	50.3	50.3
≥ 3000	43.2	48.4	48.4	48.4	48.4	48.4	48,4	48.4	48.4	44.0	49.0	49.0	49.0	49.0	50.3	50.3
≥ 2500	48.4	53.6	53.0	53.0	53,0	53.6	53.6	53.6	53.0	34.5	54.2	54.2	54.2	54.2	55.5	55.5
≥ 2000	54.8	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.1	01.3	61,3	61.3	61.3	61.3	62.6	62.6
≥ 1800	54.8	60.7	60.7	60.7	60,7	60.7	60.7	60.7	60.	01.3	61,3	01.3	61,3	61.3	62.6	62.6
≥ 1500	56.1	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.0	03.2	63.2	03.2	63,2	03.2	64.5	64.5
≥ 1200	58.7	65.2	65,8	65.8	65.8	65.8	65.8	65.8	65.8	60,5	66,5	66.5	66.5	66.5	67.7	67.7
≥ 1000	58.7	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	69.0	69.0
≥ 900 ≥ 800	58.7	66.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	68 9 4	68.4	68 . 4	68.4	68.4	69.7	69.7
≥ 800	60.0	67.7	68.4	68.4	69.7	69.7	69.7	69.7	69.7	70,3	70.3	70,3	70.3	70.3	71.6	71.6
≥ 700	60.7	70.3	71.0	71.0	72.3	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73,6	73.6	74.8	74.8
≥ 600	60.7	71.0	71.6	72.3	73.6	73.6	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	76.1	76.1
≥ 500	61.3	73.6	74.8	75.5	77.4	77.4	78.7	78.7	78.7	79.4	80.0	80.0	80.0	80.0	81.3	81.3
≥ 400	61.3	74.8	76.1	77.4	79.4	79.4	80.7	80.7	80.7	81.3	81,9	81.9	81.9	81.9	83.2	83.2
≥ 300	61.3	75.5	76.8	78.1	81.9	81.9	83.2	83.2	83.2	83,9	84.5	84.5	85.2	85.2	86.5	86.5
≥ 200	61.3	76.1	77.4	78.7	84.5	84.5	86.5	87.1	87.1	89.7	90.3	90.3	91.0	91.0	92.3	92.3
≥ 100	61.3	76.1	77.4	78.7	84.5	84.5	86.5	88.4	88.4	91.0	92,3	92.3	93.6	93.6	94.8	96.1
≥ 100 ≥ 0	61.3	76.1	77.4	78.7	84.5	84.5	86.5	88.4	88.4	91,0	92.3	92.3	93.6	93.6	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS

155

5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

JAN

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE •(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34,8	40.0	40.0	40.0	40,0	40,0	40.0	40.0	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3
≥ 18000 ≥ 16000	36.1 36.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.9	41.9	41.9	42.6	42.6	42.6	43.2
≥ 14000 ≥ 12000	36.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41,9	41.9	41.9	42.6	42.6	42.6	43.2
≥ 10000 ≥ 9000	36.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.6	42.6	42.6	43.2	43.2	43.2	43.9
≥ 8000 ≥ 7000	37.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.2	43.2	43.2	43.9	43.9	43.9	44.5
≥ 6000 ≥ 5000	38.1	43.2	43.2	43.2	43.2	43.2	43.2	44.5	43.2	43,9	43.9	43.9	44.5	44.5	44.5	45.2
≥ 4500 ≥ 4000	39.4	44.5	44.5	:44.5	44.5	44.5	44.5	44.5	44.5	45.2	45.2	45.2	45.8	45.8	45.8	46.5
≥ 3500 ≥ 3000	42.6	48.4	45.8	48.4	48.4	48.4	45.8	48,4	45.6	49,0	49.0	49.0	49.7	47.1	47.1	50.3
≥ 2500 ≥ 2000	45.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55,5	55.5	55.5	56.1	56.1	56.1	56.8
≥ 1800 ≥ 1500	49.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58,1	58.1	58.1	58.7	58.7	58.7	59.4
≥ 1200 ≥ 1000	50.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.9
≥ 900 ≥ 800	51.0	65.2	66.5	66.5	63.2	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.7	67.7	67.7	68.4
≥ 700 ≥ 600	53.6	69.7	70.3	70.3	71.0	74.8	74.8	74.8	74.8	75,5	75,5	75.5	76.1	76.1	76.1	76.8
≥ 500 ≥ 400	54.8	72.3	75.5	74.8	76.1	80.0	80.0	80.7	80.7	61.9	82.6	82.6	83.9	83.9	83.9	84.5
≥ 300 ≥ 200	54.8	72.9	76.1	78.7	81.9	81.9	82.6	84.5	84.5	85.8	87.1	87.1	89.0	89.0	89.7	90.3
≥ 100 ≥ 0	54.8	72.9	76.1	79.4	82.6	83.2	84.5	85.2	85.2	86,5	87.7	87.7	90.3	90.3	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

0

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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JAN

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5703 CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	29.7	37.4	38.1	38.7	39.4	39.4	39.4	39.4	39.4	39,4	40.0	39.4	40.0	40.0	40.0	41.9
≥ 18000 ≥ 16000	30.3	38.1	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	41.9
≥ 14000 ≥ 12000	30.3	38.1	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	41.9
≥ 10000 ≥ 9000	30.3	38.1	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	41.9
≥ 8000 ≥ 7000	31.0	38.7	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3	42.6
≥ 6000 ≥ 5000	31.0	39.4	40.0	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.9	43.2
≥ 4500 ≥ 4000	32.3	40.7	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.2	44.5
≥ 3500 ≥ 3000	33.6	41.9	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5	45.8
≥ 2500 ≥ 2000	39.4	47.7	48.4	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3	51.6
≥ 1800 ≥ 1500	42.6	52.3	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5	56.8
≥ 1200 ≥ 1000	45.8	56.8	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	61.3
≥ 900 ≥ 800	46.5	58.1	59.4	60.7	61.9	61.3	61.9	61.3	61.3	61.9	61.9	61.3	61.3	61.3	61.9	63.2
≥ 700 ≥ 600	49.0 51.0	67.1	63.2	70.3	65.8	65.8	65.8	65.8	71.6	65.8	65.8	65.8	65.8	65.8	66.5	67.7
≥ 500 ≥ 400	51.0	67.7	69.7	72.3	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.8	76.1
≥ 300 ≥ 200	51.6	71.6	74.2	77.4	81.3	81.3	81.3	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.9	85.2
≥ 100 ≥ 0	51.6	72.9	75.5	78.7	83.9	83.9	83.9	85.8	85.8	85.8	86.5	86.5	87.7	87.7	90.3	94.8

TOTAL NUMBER OF OBSERVATIONS

155

0

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

JAN

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.8	28.4	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30,3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 18000 ≥ 16000	27.7	31.6	32.9	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2	34.2	34.2	34.2
≥ 14000 ≥ 12000	27.7	31.6	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.8	36.1	34.8	34.8
≥ 10000 ≥ 9000	29.0	32.9	33.6	34.2	35.5	35.5	35.5 36.1	35.5	35.5	35,5	35.5	35.5	36.1	36.1	36.8	36.8
≥ 8000 ≥ 7000	29.7	33.6	34.8	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.4	37.4	37.4	37.4
≥ 6000 ≥ 5000	30.3	34.8	36.8	36.8	38.1	38.1	38.1 38.7	38.1	38.1	38,1	38,1	38.1	38.7	38.7	38.7	38.7
≥ 4500 ≥ 4000	30.3	35.5	36.8	40.0	38.7	38.7	38.7	38.7	38.7	41,3	41.3	41.3	41.9	39.4	39.4	41.9
≥ 3500 ≥ 3000	34.2	40.7	41.9	41.3	43.9	42.6	42.6	42.6	42.6	42.6	42.6	43.9	44.5	43.2	44.5	44.5
≥ 2500 ≥ 2000	36.8	47.1	49.0	50.3	51.6	51.6	51.6	50.3	51.6	52.3	52.3	52.3	52.9	52.9	52.9	51.6
≥ 1800 ≥ 1500	37.4	47.7	49.7	51.0	52.9	52.9	54.2	54.2	54.8	56,1	56.1	56.1	52.9 56.8	56.8	56.8	56.8
≥ 1200 ≥ 1000	40.0	50.3	52.3	54.8	56.8	56.8	56.8	59.4	57.4	01:3	61.3	61.3	61.9	61.9	61.9	61.9
≥ 900 ≥ 800	40.0	52.3	54.8	58.1	60.7	60.7	63.2	64.5	65.2	66.5	66.5	66.5	67.1	67.1	67.1	67.1
≥ 700 ≥ 600	41.9	54.2	56.8	60.0	63.2	63.2	65.8	67.1	67.7	69.7	69.7	69.7	70.3	70.3	69.7 70.3	70.3
≥ 500 ≥ 400	41.9	54.8	58.7	63.2	69.0	69.0	70.3	76.1	76.8	79.4	80.0	80.0	80.7	80.7	80.7	80.7
≥ 300 ≥ 200 ≥ 100	41.9	54.8	58.7	65.8	72.3	72.3	78.1	80.7	81.9	87.7	89.7	90.3	92.3	92.3	93.6	96.1
≥ 100 ≥ 0	41.9	54.8	58.7	65.8	72.3	72.3	78.1	80.7	81.9	87.7	89.7	90.3	92.3	92.9	95.5	

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

				`												
CEILING							VISI	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.3	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6 38.1	33.6	33.6
≥ 18000 ≥ 16000	32.9	36.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38,1	38.1	38.1	38.1	38.1	38.1
≥ 14000 ≥ 12000	32.9	36.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000 ≥ 9000	32.9	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000 ≥ 7000	34.2	40.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9		41.9	41.9	41.9
≥ 6000 ≥ 5000	38.7	45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 4500 ≥ 4000	41.9	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 3500 ≥ 3000	42.6	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2500 ≥ 2000	46.5	58 · 1 58 · 7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1800 ≥ 1500	47.1	58.7	63.2	63.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	64.5	60.7
≥ 1200 ≥ 1000	50.3	64.5	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 900 ≥ 800	52.9	68.4	71.0	72.3	72.9	72.9	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 700 ≥ 600	53.6	70.3	72.9	74.8	76.1	76.1	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 500 ≥ 400	54.8	73.6	77.4	80.0	81.9	81.9	83.2	84.5	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 300 ≥ 200	54.8	74.2	78.1	80.7	83.2	84.5	87.7	90.3	90.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100 ≥ 0	54.8	74.2	78.1		83.2	84.5	88.4	91.0	91.0	94.2	96.8	96.8	98.7	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

88

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73077

JAN

15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0 ′
NO CEILING	34.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38,7	38.7	38.7	38.7	38.7
≥ 20000	44.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000 ≥ 16000	44.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000 ≥ 12000	44.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
	44.5	51.0	51.0	51.0	51.0	51.0	E	51.0	51.0	-31.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000 ≥ 9000	44.5	51.6	51.6	51.6	51.6	51.6	51.6	51-6	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.0
≥ 8000	45.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	92.9	52.9	52.9	52.9
≥ 7000	46.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	24.2	54,2	24.2	24.2	54.2	54.2	54.
≥ 6000 ≥ 5000	50.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
≥ 4500	51.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.
≥ 4000	52.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.
≥ 3500	53.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.
≥ 3000	55.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.
≥ 2500	56.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.
≥ 2000	59.4	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
≥ 1800	59.4	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
≥ 1500	61.3	72.3	72.3	72.3	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.
≥ 1200	61.9	73.6	74.2	74.2	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.
≥ 1000	62.6	74.2	74.8	75.5	76.1	76.8	78.1	78.1	78.1	78 . 1	78.1	78.1	78.1	78.1	78.1	78.
≥ 900	63.2	75.5	76.1	77.4	79.4	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.
≥ 800	63.2	76.8	77.4	78.7	80.7	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.
≥ 700	63.2	76.8	77.4	78.7	80.7	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.
≥ 700 ≥ 600	63.2	78.1	78.7	80.0	81.9	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.
≥ 500	63.9	78.7	79.4	81.3	84.5	85.2	88.4	89.0	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.
≥ 400	63.9	79.4	80.7	82.6	86.5	87.1	90.3	91.0	91.0	91.6	92.3	92.3	92.9	92.9	92.9	92.
≥ 300	63.9	79.4	80.7	82.6	86.5	87.7	91.6	94.2	94.2	94.8	96.8	96.8	97.4	97.4	97.4	97.
≥ 200	63.9	79.4	80.7	82.6	86.5	87.7	91.6	94.2	94.2	94.8	97.4	97.4	98.7	98.7	98.7	98.
≥ 100	63.9	79.4	80.7	83.2	87.1	88.4	92.3	94.8	94.8	95.5	98.1	98.1	99.4	99.4	99.4	99.
≥ 100 ≥ 0	63.9	79.4	80.7	83.2	87.1	88.4	92.3	94.8	94.8	95.5	98.1	98.1	99:4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 15

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

100

0

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

JAN

0

5703 CEILING VERSUS VISIBILITY

0

0

18

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	-≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.6	38.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 18000 ≥ 16000	44.5	51.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9 52.9	52.9	52.9
≥ 14000 ≥ 12000	44.5	51.0	54.2	52.9	52.9	52.9	52.9	52.9 54.8	52.9	52.9	52.9	52.9	52.9	52.9 54.8	52.9 54.8	52.9
≥ 10000 ≥ 9000	47.7	54.2	55.5	56.1 56.1	56.1	56.1 56.1	56.1 56.1	56.1	56.1	56.1	56.1 56.1	56.1	56.1	56.1 56.1	56.1	56.1
≥ 8000 ≥ 7000	50.3	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58,1	58.1	58.1	60,7	58.1	58.1	58.1
≥ 6000 ≥ 5000	51.0	61.9	63.2	63.9	63.9	63.9	61.9	61.9	63.9	61.9	63.9	61.9	63.9	63.9	61.9	61.9
≥ 4500 ≥ 4000	52.9	63.2	64.5	65.2	65.2	65.2	64.5	65.2	65.2	05.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500 ≥ 3000	55.5	65.8	67.1	67.7	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2500 ≥ 2000	57.4	67.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70,3	70.3	70.3	71.0	71.0	71.0	71.0
≥ 1800 ≥ 1500	58.1	70.3	74.2	74.8	71.0	75.5	75.5	71.0 75.5 76.1	75.5	75.5	71.0	75.5	76.1	71.6 76.1 76.8	76.1	71.6 76.1
≥ 1200 ≥ 1000	61.9	71.0	76.8	75.5	76.1	76.1	76.1	78.1	78.1	76.1 78.1	78.1	76.1 78.1	76.8	78.7	76.8	78.7
≥ 900 ≥ 800	61.9	74.2	78.1	78.7	78.1 80.7 81.9	80.7	78.1	80.7	80.7	82.6	80.7	80.7	81.3	81.3	81.3	81.3
≥ 700 ≥ 600	62.6	74.8	78.7	79.4	82.6	82.6	83.2	83.9	83.9	88.4	83.9	83.9	84.5	84.5	84.5	84.5
≥ 500 ≥ 400	62.6	76.8	80.7	81.9	85.2	85.8	86.5	91.6	91.0	92.9	92.9	92.9	90.3	90.3	90.3	90.3
≥ 300 ≥ 200 ≥ 100	62.6	77.4	81.3	83.2	86.5	87.1	89.7	91.6	91.6	93.6	94,8	94.8	96.8	96.8	96.8	96.8
≥ 100 ≥ 0	62.6	77.4	81.3	83.2	86.5	87.1	89.7	91.6	91.6	93.6	95.5	95.5	97.4	97.4		100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

VEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST.)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.5	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.9	43.9
≥ 20000	40.0	47.7	48.4	48.4	48.4	45.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	49.0	49.0
≥ 18000 ≥ 16000	40.0	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	49.0	49.0
≥ 14000 ≥ 12000	40.0	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	49.0	49.0
		47.7	49.7	10 4	115	49.7	48.4	40.4	49.7	49.7	40.7	49.7	40.4	49.7		
≥ 10000 ≥ 9000	41.3	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3
≥ 8000 ≥ 7000	42.6	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6
		F				-		51.5		51.6	51.6	51.6	P 1 ' 4	51.6	52 3	52.3
≥ 6000 ≥ 5000	43.2	51.6	52.3	52.3	51.6	52.3	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.9
≥ 4500 > 4000	43.9	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.6	52.9	54.2	53.6
≥ 3500	47.1	52.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8	56.8
≥ 3000	48.4	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	51.4	27.4	31.4	21.4	58.1	58.1
≥ 2500 ≥ 2000	49.0	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.7	60.7	59.4	61.3	61.3
≥ 1800 ≥ 1500	49.7	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	61.3	61.3
≥ 1200	56.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.7	69.7
≥ 1000	56.8	69.7	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6	73.6
≥ 900 ≥ 800	56.8	70.3	72.9	72.9	72.9	72.9	72.9	73.6	73.0	73.6	73.0	73.6	74.2	73.6	74.2	74.2
≥ 700	58.1	73.6	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4
≥ 600	58.7	75.5	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78,7	78.7	78.7	78.7	79.4	79.4
≥ 500 ≥ 400	58.7	77.4	81.9	81.9	81.9	81.9	81.9	85.2	85.2	82.6	82.6	85.2	85.2	85.2	83.2	85.8
≥ 300	58.7	78.1	82.6	82.6	83.9	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5	86.5
≥ 200	58.7	80.0	84.5	84.5	86.5	86.5	88.4	89.0	89.7	89,7	89.7	89.7	91.0	91.0	91.6	91.6
≥ 100 ≥ 0	58.7	80.0	84.5	84.5	87.1	87.1	89.0	91.0	91.0	92.3	92.9	92.9	94.8	94.8	96.1	97.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

0

5703 CEILING VERSUS VISIBILITY

JAN 7

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

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5703 CEILING VERSUS VISIBILITY

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ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.4	37.1	37.7	37.7	37.9	37.9	37.9	37.9	37.9	43.5	38,1	38.1	43.6	38.2	38.5	38.6
≥ 18000 ≥ 16000	36.8	42.4	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.7	43.7	44.0	44.3
≥ 14000 ≥ 12000	36.8	42.4	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.8	43.8	44.1	44.4
≥ 10000 ≥ 9000	37.7	43.6	44.2	44.4	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	45.0	45.0	45.3	45.6
≥ 8000 ≥ 7000	38.7	44.8	45.5	45.7	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.3	46.3	46.6	46.9
≥ 6000 ≥ 5000	40.0	45.7	47.3	47.6	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.2	48.2	48.5	48.7
≥ 4500 ≥ 4000	41.5	48.7	49.4	49.6	49.8	49.8	49.8	49.8	49.8	50.8	50.0	50.0	50.2	50.2	50.5	50.7
≥ 3500 ≥ 3000	43.8	51.1	51.7	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.5	52.5	52.8	53.1
≥ 2500 ≥ 2000	47.4	56.1	56.9	57.1	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.7	57.7	58.1	58.3
≥ 1800 ≥ 1500	49.8	59.1	60.0	60.4	60.7	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.2	61.2	61.5	61.8
≥ 1200 ≥ 1000	52.9	63.6	64.9	65.5	66.1	66.1	66.4	66.4	66.5	66.8	66.8	66.8	67.0	67.0	67.3	67.6
≥ 900 ≥ 800	53.9	65.7	67.4	68.3	69.1	69.2	68.6	70.0	70.1	70.5	70.5	70.5	70.7	70.7	71.1	71.3
≥ 700 ≥ 600	55.2	68.7	70.7	71.8	73.3	73.5	74.3	74.6	74.7	75.2	75.2	75.2	75.4	75.4	75.7	76.0
≥ 500 ≥ 400	56.1	71.5	74.2	73.8 76.1 77.7	78.4	75.6 78.6 80.7	76.5	80.8	80.9	81.7	81.9	81.9	82.2	82.2	82.5	82.7
≥ 300 ≥ 200	56.2	73.0	76.1	78.5	81.9	82.4	84.7	86.2	86.4	87.8	88,6	88.6	89.4	89.4	89.8	90.1
≥ 100 ≥ 0	56.2	73.5	76.5	79.3	83.4	83.9	86.5	88.6	88.8	90.8	92.4	92.5	94.2	94.4	95.7	97.4

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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5703

CEILING VERSUS VISIBILITY

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(3)

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.3	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.6
≥ 18000 ≥ 16000	59.6	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.5
≥ 14000 ≥ 12000	60.3	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.3
≥ 10000 ≥ 9000	60.3	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.3
≥ 8000 ≥ 7000	62.4	66.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	67.4
≥ 6000 ≥ 5000	63.8	67.4	69.5	69.5	68.1	69.5	68.1	69.5	69.5	69.5	68.1	69.5	69.5	68.1	68.1	68.8
≥ 4500 ≥ 4000	65.3	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	70.2
≥ 3500 ≥ 3000	67.4	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.0	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 2500 ≥ 2000	67.4	72.3	73.1	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2
≥ 1800 ≥ 1500	70.9	75.2	75.9	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.7
≥ 1200 ≥ 1000	71.6	78.0	78.7	80.1	80.9	80.9	80.9	80.9	80.9	83,0	83.0	80.9	80.9	80.9	83.0	81.6
≥ 900 ≥ 800	71.6	80.1	81.6	83.0	83.7	83.7	83.7	83.7	83.7 83.7	83.7	83,7	83.7	83.7	83.7	83.7	84.4
≥ 700 ≥ 600	71.6	80.9	83.0	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.8
≥ 500 ≥ 400	72.3	85.1	84.4	85.8	86.5	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 300 ≥ 200	72.3	85.8	88.7	90.1	92.2	92.2	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.3
≥ 100 ≥ 0	72.3	85.8	88.7	90.1	92.2		92.9	94.3	94.3	94.3	94.3	94.3	95.0		95.0	97.2

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

0

5703

CEILING VERSUS VISIBILITY JAN 7

1100 0

0

9

							VISI	BILITY (ST	ATUTE MIL	ES)						
CEILING																
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	54.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000 ≥ 16000	54.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58,9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
	54.6	58.9	58.9	58.9	-		20.	-	58.9		58.9	58.9	2000		58.9	58.9
≥ 14000 ≥ 12000	54.6	58.9	59.6	58.9	58.9	58.9	58.9	58.9	58.9	59.6	58.9	59.6	59.6	58.9	59.6	58.9
≥ 10000	55.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	55.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000	55.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 7000	57.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 6000	57.5	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	02.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	58.2	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63,1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500	56.2	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63,1	63.1	63.1	63.1	63.1	63.1
≥ 4000	60.3	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500	61.0	66.0	66.0	66.7	66,7	66.7	66.7	66.7	66.7	66,7	66,7	66.7	66.7	66.7	66.7	66.7
≥ 3000	61.7	66.7	66.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68,1	68.1	68.1	68.1
≥ 2500	61.7	66.7	66.7	68.1	68.1	68.1	68.1	68.1	68.1	08.1	68.1	68.1	68.1	98.1	68.1	68.1
≥ 2000	62.4	68.8	69.5	71.6	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.0	71.6	71.6	71.6
≥ 1800 ≥ 1500	62.4	68.8	69.5	71.6	71.6	71.6	/1.0	71.6	71.0	74.0	71.0	71.0	11.0	71.0	11.0	71.6
	63.1	70.9	72.3	74.5	74.5	74.5	74.5	74.5	74.5	77.3	74.5	77.3	77 3	77.3	77 3	74.5
≥ 1200 ≥ 1000	63.8	73.8	75.2	78.7	77,3	78.7	77,3	70.3	78.7	78.7	79 7	79.7	78.7		78.7	79.7
	64.5	75.2	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900 ≥ 800	66.0	77.3	78.7	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	66.0	77.3	78.7	80.9	80.9	80.9	80.9	31.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 700 ≥ 600	66.7	79.4	81.6	83.7	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 500	66.7	80.9	83.7	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 400	66.7	81.6	86.5	88.7	89.4	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 300	67.4	82.3	87.2	90.1	90.8	90.8	90.8	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200	67.4	83.7	88.7	91.5	92.9	92.9	93.6	94.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	67.4	83.7	88.7	91.5	92.9	92.9	93.6	94.3	94.3	95.7	96.5	96.5	96.5	96.5	96.5	96.5
≥ 0	67.4	83.7	88.7	91.5	92.9	92.9	93.6	94.3	94.3	95.7	96.5	96.5	97.2	97.2	97.9	100.0

141 TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

VEADS

FEB

3

6966

0

0

0

5703 CEILING VERSUS VISIBILITY JAN 7

3

0

0

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.7	48.2	48.9	50.4	50.4	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	45.4	48.9	49.7	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000 ≥ 16000	45.4	48.9	49.7	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8 51.8	51.8	51.8
≥ 14000 ≥ 12000	45.4	48.9	51.1	51.1	51.1	51.1	51.8	51.8	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 10000	46.8	50.4	51.1	52.5	52,5	_	53.2	53.2	53.2	33.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	46.8	50.4	51.1	52.5	52.5		53.2	53.2	53.2	33.2	53.2	53.2	53,2	53.2	53.2	53.2
≥ 8000	48.2	51.8	52.5	53.9	53.9	53.9	54.6	54.6	54.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 7000	50.4	53.9	54.6	56.0	56.0	56.0	56.7	50.7	56.7	2017	56,7	56.7	50.7	56.7	56.7	56.7
≥ 6000 ≥ 5000	50.4	53.9	54.0	57.5	57.5	56.0	56.7	58.2	56.7	58.2	56.7	58.2	58.2	58.2	58.2	56.7
	51.6	55.3	56.0	57.5	57.5	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4500 ≥ 4000	51.8	55.3	56.0	57.5	57.5	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 3500 ≥ 3000	53.2	56.7	57.5	59.6	59.6	59.6	63.1	60.3	60.3	63.1	60.3	60.3	60.3	63.1	63.1	60.3
	58.2	63.1	63.8	66.0	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500 ≥ 2000	58.2	66.0	67.4	69.5	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2		70.2	70.2
≥ 1800	58.2	66.7	68.1	70.2	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1500	58.9	69.5	71.6	73.8	73.8	73.8	74.5	74.5	74.5	74.5	74,5	74.5	74.5	74.5	74.5	74.5
≥ 1200	59.6	72.3	76.6	79.4	80,1	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	60.3	73.1	77.3	80.1	80.9		81.6	81.6	81.6	91.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 900	61.0	73.8	78.0	80.9	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 800	61.0	73.8	78.0	80.9	81.6	81.6	82.3	82.3	82.3	52,3	82,3	82.3	82.3	82.3	82.3	82.3
≥ 700	61.7	74.5	78.7	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 600	61.7	76.6	80.9	83.7	84.4	84.4	85.1	85.1	85.1	0201	85,1	02.1	85.1	85.1	85.1	85.1
≥ 500	61.7	78.0	82.3	85.8	86.5	4	87.9	87.9	87.9	87.9	87.9	07.9	87.9	07.9	87.9	87.9
≥ 400	61.7	79.4	84.4	87.9	89,4	90.1	91.5	91.5	71.3	7193	91.5	7103	92.9	71.0	91.5	91.5
≥ 300 ≥ 200	62.4	80.9	85.1	90.1	90.8	91.5	92.9	92.9	92.9	95.7	92.9	95.7	95.7	92.9	95.7	92.9
≥ 100	62.4	80.9	86.5	90.1	92.2		95.0	96.5	96.5	96.5	97.2	97.2	97.9	97.9		97.9
≥ 0	62.4	80.9	86.5	90.1	92.2	92.9	95.0	96.5	96.5	96.5	97.2	97.2	97.9	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

5520

0

5703 CEILING VERSUS VISIBILITY JAN 78

0

0

0

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥i	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.9	46.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	39.7	51.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52,5	52.5	52.5	52.5
≥ 18000 ≥ 16000	39.7	51.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
	39.7	51.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000 ≥ 12000	40.4	52.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	41.1	53.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	41.1	53.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	42.6	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000	44.0	58.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 6000	44.0	58.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	29:0	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000	45.4	60.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4500	45.4	60.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	02.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4000	46.1	61.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	03.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 3500	46.8	61.7	63.8	63.8	64,5	64.5	04.5	64.5	64.5	04.5	64,5	04.5	04.5	64.5	04.5	64.5
≥ 3000	47.5	63.1	65.3	69.5	66.7	70.2	66.7	70.2	56.7	70.2	60.1	66.7	70.2	70.3	66.7	66.7
≥ 2500 ≥ 2000	49.7	67.4	72.3	73.1	70.2	70.2	70.2	73.8	70.2	73.8	70.2	73.8	73.8	73.8	70.2	70.2
	49.7	67.4	72.3	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.B	73.8
≥ 1800 ≥ 1500	51.1	70.9	76.6	77.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	51.1	72.3	78.7	81.6	83,7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200 ≥ 1000	51.1	73.1	79.4	82.3	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	51.1	73.1	79.4	82.3	84.4	84.4	85.1	85.1	85.1	85.1	85,1	85,1	85.1	85.1	85.1	85.1
≥ 800	51.1	73.1	79.4	82.3	84.4	84.4	85.8	85.8	85.8	85,8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	51.8	74.5	80.9	83.7	85,8	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 700 ≥ 600	51.8	75.2	82.3	85.1	87.2	87.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 500 ≥ 400	51.8	77.3	85.1	87.9	90,1	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	51.8	77.3	85.1	87.9	90.1	90.8	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	51.8	77.3	85.1	87.9	90.1	91.5	94.3	95.0	95.7	96.5	96.5	96.5	91.2	97.2	97.2	97.2
≥ 200	51.8	77.3	85.1	87.9	90.1	91.5	94.3	95.0	95.7	96,5	97.2	97.2	99.3		100.0	
≥ 100 ≥ 0	51.8	77.3	85.1	87.9	90,1	91.5	94.3	95.0	95.7	96.5	97.2	97.2	99.3			100.0
2 0	51.8	77.3	85.1	87.9	90.1	91.5	94.3	95.0	95.7	4012	97.2	97.2	77.3	77.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

CURPUS CHRISTI, TEXAS

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

0

0

5703 CEILING VERSUS VISIBILITY

JAN 78

CEILING							VISI	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.7	51.8	52.5	52.5	46.1	52.5	46.1 52.5	52.5	46.1	52.5	46.1 52.5	52.5	52.5	46.1 52.5	52.5	46.1 52.5
≥ 18000 ≥ 16000	46.1	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5 52.5	52.5	52.5
≥ 14000 ≥ 12000	46.8	52.5	53.2	53.2	53.2	53.2 53.9	53,2	53.2 53.9	53,2 53.9	53.2	53.2	53.2	53.2	53.2 53.9	53.2	53.2
≥ 10000 ≥ 9000	47.5	54.6	55.3	55.3	55.3	55.3 55.3	55.3	55.3	55.3	55,3	55,3 55,3	55.3	55.3	55.3	55.3	55.3
≥ 8000 ≥ 7000	49.7 51.8	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57,5	57.5	57.5	57.5	57.5	57.5
≥ 6000 ≥ 5000	53.2	60.3	62.4	63.1	63.1	63.1	61.7	63.1	63.1	61,7	63.1	61.7	63,1	63.1	61.7	63.1
≥ 4500 ≥ 4000	55.3	65.3	66.0	66.7	64.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3500 ≥ 3000	57.5	71.6	72.3	73.1	73.1	73.1	73.8	73.8	73.8	73,8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500 ≥ 2000	62.4	76.6	76.6	77.3	77.3	77.3	78.0	78.0	78.0	80.1	80,1	80.1	80.1	80.1	80.1	78.0
≥ 1800 ≥ 1500	63.1	80.9	83.0	83.7	84.4	84.4	80.9	80.9	85.1	85,1	80.9	85.1	85.1	80.9	80.9	80.9
≥ 1200 ≥ 1000	63.8	81.6	83.7	84.4	87.2	85.1	85.8	85.8	87.9	87.9	85.8	85.8	87.9	85.8	85.8	85.8
≥ 900 ≥ 800	63.8	83.7	85.8	87.2	90.1	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700 ≥ 600	63.8	84.4	87.9	91.5	91,5	91.5	92.9	92.9	92.9	93.6	93,6	93.6	93,6	93.6	93.6	93.6
≥ 500 ≥ 400	64.5	85.1	90.8	92.9	93.6	93.6	95.0	95.0	95.0	95.7	95.7	95.7	95.7	97.9	95.7	95.7
≥ 300 ≥ 200	64.5	85.1	90.8	92.9	94.3	94.3	97.9	97.9	98.6	99.3	100.0		100.0		99.3	
≥ 100 ≥ 0	64.5	85.1	90.8	92.9	94.3	94.3	97.9	97.9	98.6	2 2 7	100.0				100.0	

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MONTH

MONTH

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5703 CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUYE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	48.9	49.7	49.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50,4	50.4	50.4	50.4
≥ 20000	56.0	62.4	63.1	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63,8	63,8	63.8	63.8	63.8	63.8
≥ 18000 ≥ 16000	56.0	62.4	63.1	63.1	63.8	64.5	64.5	63.8	63.8	64.5	64.5	64.5	63.8	63.8	63.8	64.5
≥ 14000	57.5	63.8	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	58.2	64.5	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	61.0	67.4	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	61.0	67.4	68.1	68.1	68.8	-	68.8	68.8	68.8	70.2	70.2	70.2	70.2	68.8	70.2	70.2
≥ 8000 ≥ 7000	62.4	70.2	73.1	69.5	70.2	70.2	70.2	70.2	70.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	63.1	70.9	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 5000	63.8	72.3	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.0	75.9	75.0	75.0	75.9	75.9	75.9
≥ 4500 ≥ 4000	63.8	72.3	75.2	75.2	75.9	75.9	75.9	75.9	75.9	78.0	75.9	78.0	78.0	78.0	75.9	75.9
≥ 3500	68.1	78.0	80.9	80.9	81,6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81,6	81.6	81.6	81.6
≥ 3000	68.8	80.1	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.
≥ 2500	68.8	81.6	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.5	86.5	85.1	86.5	86.5	85.1	85.
≥ 2000	70.2	83.0	85.8	85.8	86.5	86.5	86.5	80.5	86.5	87.9	87.9	86.5	87.9	87.9	87.9	87.
≥ 1800 ≥ 1500	70.9	84.4	87.2	87.2	90.1	87.9 90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.
≥ 1200	71.6	86.5	90.1	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91,5	91.5	91.5	91.5
≥ 1000	71.6	86.5	90.1	90.1	92.2		92.2	92.2	92.2	92.2	92.2	92.2	92,2		92.2	92.2
≥ 900 ≥ 800	71.6	86.5	90.1	90.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2		92.2	92.2
	71.6	88.7	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0		95.0	95.0
≥ 700 ≥ 600	71.6	89.4	92.9	92.9	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.
≥ 500	71.6	89.4	93.0	93.6	96,5	96.5	97,2	97.2	97.2	97.2	97,2	97.2	97,2	97.2	97.2	97.2
≥ 400	71.6	89.4	93.4			97.2	97.9	97.9	97.9	97,9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300 ≥ 200	71.6	89.4	93.6	100000000000000000000000000000000000000	97.2	97.2	97.9	97.9	97.9	97,9	97.9	99.3	100.0	100.0	100.0	97.9
≥ 100	71.6	89.4	93.6	93.6	97.2	97.2	97.9	97.9	97.9	99.3	99.3		100.0	100.0	100.0	100.
≥ 0	71.6	89.4	93.6	93.6	97.2	97.2	97.9	97.9	97.9	3763	99.3	77.3	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

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5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	_ ≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.5	50.4	52.5	53.2	53,2	53.2	53.2	53.2	53.2	69.5	53.2	53.2	53,2	53.2	53.2	53.2
≥ 18000 ≥ 16000	60.3	66.7	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000 ≥ 12000	61.0	67.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000 ≥ 9000	62.4	70.9	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000 ≥ 7000	63.8	70.9	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000 ≥ 5000	65.3	74.5	77.3	78.0 80.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500 ≥ 4000	66.0	76.6	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500 ≥ 3000	68.1	78.7	81.6	82.3	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500 ≥ 2000	70.2	80.9	84.4	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800 ≥ 1500	71.6	83.0	85.8	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200 ≥ 1000	71.6	83.0	86.5	87.9	87.9	87.9	90.1	88.7	90.1	90.1	90.1	88.7	90.1	90.1	88.7 90.1	90.1
≥ 900 ≥ 800	71.6	83.7	87.9	90.1	90.1	90.1	91.5	91.5	91.5	91,5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700 ≥ 600	71.6	84.4	89.4	92.2	93.6	93.6	95.7	95.7	95.7	95.7	95,7 95,7	95.7	95.7	95.7	95.7	95.7
≥ 500 ≥ 400	71.6	84.4	89.4	92.2	93,6	93.6	95.7	95.7	95.7	97.2	95,7	95.7	97.2	95.7	95.7	95.7
≥ 300 ≥ 200	71.6	84.4	90.1	92.9	95.0	95.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100 ≥ 0	71.6	84.4	90.1	92.9	95.0	95.0	97.9	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

CURPUS CHRISTI, TEXAS

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

		-					VIE	BILITY (STA								
CEILING							¥131	BILITY (SIA	VIOLE WILL	E3)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.0	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.1	63.1	63.1	63.1
≥ 20000	58.2	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67,4	67.4	68.1	68.1	68.1	68.1
≥ 18000	58.2	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	68.1	68.1	68.1	68 . 1
≥ 16000	58.2	66.7	66.7	67.4	67.4	67.4	67.4	67.4	57.0	67.4	67.4	67.4	68.1	68.1	68.1	68.1
≥ 14000	58.2	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	68.1	68 . 1	68.8	68.8	68.8	68.8
≥ 12000	58.2	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	68.1	68 . 1	68.8	68.8	68.8	68.8
≥ 10000	59.6	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69,5	69.5	70.2	70.2	70.2	70.2
≥ 9000	60.3	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69,5	70.2	70.2	70.9	70.9	70.9	70.9
≥ 8000	61.0	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.9	70.9	71.6	71.6	71.6	71.6
≥ 7000	62.4	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	73.1	73.1	73.8	73.8	73.8	73.8
≥ 6000	63.1	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73,8	73.8	74.5	74.5	74.5	74.5
≥ 5000	64.5	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2	75.2	75.9	75.9	75.9	75.9
≥ 4500	65.3	74.5	74.5	75.2	75.9	75.9	75.9	75.9	75.9	75,9	76.6	76.6	77.3	77.3	77.3	77.3
≥ 4000	66.7	75.9	75.9	76.6	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.0	78.7	78.7	78.7	78.7
≥ 3500	68.1	78.0	78.0	78.7	79,4	79.4	79.4	79.4	79.4	79.4	80.1	80.1	80.9		80.9	80.9
≥ 3000	68.8	78.7	78.7	80.1	80.9	80.9	80.9	80.9	80.9	80.9	81.6	81.6	82.3	82.3		82.3
≥ 2500	68.8	78.7	78.7	80.1	80.9	80.9	80.9	80.9	80.9	80.9	81.6	81.6	82.3	82.3	82.3	82.3
≥ 2000	70.2	80.9	80.9	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83,7	83.7	84.4	84.4	84.4	84.4
≥ 1800	70.2	80.9	80.9	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83,7	83.7	84.4	84.4		84.4
≥ 1500	71.6	83.0	83.0	84.4	85.1	85.1	85.1	85.1	85.1	85,1	85,8	85.8	86.5	86.5		86.5
≥ 1200	72.3	84.4	84.4	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.9	87.9	88.7	88.7	88.7	88.7
≥ 1000	73.1	86.5	86.5	87.9	89.4	89.4	89.4	89.4	89.4	89,4	90.1	90.1	90.8			90.8
≥ 900	73.1	86.5	86.5	87.9	89,4	89.4	89.4	89.4	89.4	89,4	90.1	90.1	90.8			90.8
≥ 800	73.1	86.5	86.5	87.9	89.4	89.4	89.4	89.4	89.4	89.4	90.1	90.1	90.8			90.8
≥ 700 ≥ 600	73.1	87.2	87.2	88.7	90,1	90.1	90.1	90.1	90.1	90.1	90.8	90.8	91.5	91.5	91.5	91.5
≥ 600	73.1	87.2	87.9	89.4	90.8	90.8	90.8	90.8	90.8	90,8	91.5	91.5	92,2	Control of the Control of the Control	-	92.2
≥ 500 ≥ 400	73.1	87.9	89.4	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.9	92.9	93.6		2 45 141	93.6
≥ 400	73.8	88.7	90.1	91.5	94.3	94.3	94.3	95.0	95.0	95,0	95.7	95.7	96.5			96.5
≥ 300	73.8	88.7	90.8	92.2	95.0	95.0	95.0	95.7	95.7	95.7	96,5	96.5	97.2			97.2
≥ 200	73.8	88.7	90.8	92.2	95.7	95.7	95.7	96.5	96.5	96,5	97.2	97.2	97.9	Land Street Street Control		97.9
≥ 100	73.8	88.7	90.8	92.2	95.7	95.7	95.7	97.2	97.2	97.2	97.9			100.0		
≥ 0	73.8	88.7	90.8	92.2	95.7	95.7	95.7	97.2	97.2	97,2	97.9	98.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTIS TEXAS

73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING							VISI	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.7	51.5	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.B	52.9	52.9	52.9	53.0
≥ 20000	52.5	58.7	59.5	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60,1	60.1	60.1	60.2
≥ 18000	52.5	58.7	59.5	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2
≥ 16000	52.6	58.8	59.6	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3
≥ 14000	52.9	59.2	60.0	60.4	60,5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.
≥ 12000	53.5	59.8	60.6	61.0	61,1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4
≥ 10000	54.3	60.9	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	52.4	62.4	62.4	62.
≥ 9000	54.5	61.2	62.0	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.8
≥ 8000	55.4	62.2	63.1	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 7000	57.0	64.4	65.5	66.0	66.1	66.1	66.1	66.1	56.1	66.1	66.2	66.2	66,3	66.3	66.3	66.4
≥ 6000	57.5	64.9	66.1	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0
≥ 5000	58.7	66.4	67.6	68.2	68.3	68.3	68,4	68.4	68.4	68.4	68.5	68.5	68,6	68.6	68.6	68.
≥ 4500	58.9	66.7	67.9	68.4	68.6	68.6	68.8	68.8	68.8	68.8	68.9	68,9	69.0	69.0	69.0	69.
≥ 4000	59.8	67.8	69.1	69.6	69.8	69.8	70.0	70.0	70.0	70.0	70,0	70.0	70.1	70.1	70.1	70.2
≥ 3500	61.2	69.7	70.9	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.
≥ 3000	62.3	71.5	72.9	73.9	74.3	74.3	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
≥ 2500	63.2	73.0	74.6	75.6	76.0	76.0	76.2	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.
≥ 2000	64.3	74.9	77.0	78.2	78.6	78.6	78,8	78.8	78.8	78 . 8	78.9	78.9	79.0	79.0	79.0	79.
≥ 1800	64.4	75.4	77.4	78.6	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.
≥ 1500	65.2	77.6	79.9	81.1	81.7	81.7	82.0	82.0	82.0	82.0	82,1	82.1	82.2	82.2	82.2	82.3
≥ 1200	65.7	79.0	81.7	83.3	84.2	84.2	84.6	84.6	84.0	84.6	84.7	84.7	84.8	84.8	84.8	84.8
≥ 1000	66.0	79.9	82.9	84.6	85.6	85.6	86.0	86.0	86.0	86,0	86.1	86.1	86.2	86.2	86.2	86.3
≥ 900	66.1	80.2	83.2	85.0	86,0	86.0	86.4	86.4	86.4	86.4	86,5	86.5	86.6	86.6	86.6	86.7
≥ 800	66.2	80.8	84.0	85.9	87.0	87.0	87.6	87.7	87.7	67.7	87.8	87.8	87.9	87.9	87.9	87.9
≥ 700	66.4	81.5	84.8	86.7	88.0	88.0	88.7	88.8	88.6	88,9	89.0	89.0	89.1	89.1	89.1	89.2
≥ 600	66.6	82.4	86.1	88.0	89.4	89.4	90.3	90.3	90.3	90,4	90.5	90.5	90.6	90.6	90.6	90.7
≥ 500	66.7	83.2	87.2	89.3	90.6	90.8	91.7	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.1
≥ 400	66.8	83.9	88.4	90.4	92.2	92.4	93.7	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4
≥ 300	66.8	84.1	88.9	91.1	93.2	93.4	95.0	95.4	95.6	95.8	95.9	95,9	96.1	96.1	96.1	96.2
≥ 200	66.9	84.4	89.3	91.4	93.7	94.0	95.7	96.2	96.4	96,9	97,2	97.2	97.7	97.7	97.8	97.9
≥ 100	66.9	84.4	89.3	91.4	93.7	94.0	95.7	96.5	96.6	97.2	97.6	97.7	98.5	4	98.6	98.9
≥ 100 ≥ 0	66.9	84.4	89.3	91.4	93.7	94.0	95.7	96.5	96.6	97.2	97.6	97.7	98.6	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1128

DIRNAVOCEANMET SMOS

6

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

OO HOURS (L S T)

0

5703 CEILING VERSUS VISIBILITY JAN 78

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.8	31.0	31.0	31.0	31.6	37.4	32.3	32.3	32.3	32.3	32.9	32.9	32.9	32.9 38.1	32.9	32.9
≥ 18000 ≥ 16000	30.3	36.1 36.1	36.1	36.1	36.8	37.4	37.4	37.4	37.4	37.4	38.1	38.1	38.1	38 · 1 38 · 1	38.1	38.1
≥ 14000 ≥ 12000	30.3	36.1	36.1	36.1	36.8	37.4	37.4	37.4	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000 ≥ 9000	31.6	38.1	38.1	38.1	38.7	39.4	39.4	39.4	39.4	39,4	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000 ≥ 7000	31.6	38.1	38.1	38.7	38.7	40.0	40.0	40.0	40.0	40.0	40.7	40.0	40.0	40.7	40.0	40.7
≥ 6000 ≥ 5000	32.9	41.3	39.4	39.4	40.0	40.7	42.0	42.6	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2
≥ 4500 ≥ 4000	34.2 34.2	41.9	41.9	41.9	41.9	42.6	43.2	42.6	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9
≥ 3500 ≥ 3000	36.1	45.2	43.2	45.2	43.9 45.8 47.1	46.5	46.5	46.5	46.5	46.5	47.1	47.1	47.1	47.1	47.1	47.1
≥ 2500 ≥ 2000	40.0	49.7	49.7	49.7	50.3	51.0	51.0	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1800 ≥ 1500 ≥ 1200	43.2	54.2	54.2	54.2	57.4	55.5	55.5	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1000 ≥ 900	44.5	58.7	58.7	58.7	60.0	60.7	61.9	60.7	60.7	61.9	61.3	61.3	62.6	61.3	61.3	62.6
≥ 800	45.2	60.0	63.2	63.9	61.3	61.9	61.9	61.9	61.9	65.8	62.6	62.6	62.6	62.6	62.6	66.5
≥ 600	49.0	67.7	69.0	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9
≥ 400 ≥ 300	49.7	72.3	75.5	82.6	85.2	86.5	80.7	87.1	87.1	87.1	81.3	87.7	88.4	88.4	81.3	81.3
≥ 100	49.7	77.4	83.2	85.8	89.7	91.0	91.6	91.6	91.6	92.3	93,6	93.6	95.5	95.5	94.2	98.1
≥ 0	49.7	77.4	83.2	85.8	89.7	91.0	91.6	91.6	91.6	92.3	93.6	93.6	95.5	95.5	98.1	100

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

CURPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.9	31.6	31.6	31.6	32,3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32,3	32.3	32.3	32.
≥ 20000	27.1	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35,5	35.5	35,5	35.5	35.5	36.
≥ 18000	27.1	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.
≥ 16000	27.1	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35,5	35.5	35.5	35.5	35.5	35.5	36.
≥ 14000	27.1	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.
≥ 12000	27.7	35.5	35.5	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.
≥ 10000	28.4	36.1	36.1	36.1	36.8	35.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.
≥ 9000	28.4	36.1	36.1	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.
> 0000	28.4	36.1	36.1	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.
≥ 8000 ≥ 7000	30.3	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.
	30.3	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39,4	39.4	39.4	39.4	39.4	39.4	39.4	40.
≥ 6000 ≥ 5000	31.0	39.4	39.4	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.
	31.0	39.4	39.4	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	41.
≥ 4500 ≥ 4000	31.6	40.7	40.7	40.7	41 3	41.3	41.3	41.3	41 3	41.2	41.3	41.3	41 3	41.3	41.9	42.
	31.6	40.7	40.7	40.7	41 2	41 2	4. 3	41 3	41 3	41.3	41 3	41.2	41 2	41 3	41 0	42
≥ 3500 ≥ 3000	32.9	42.6	42.6	42.5	41,3	43.2	43.2	43.2	43.2	43.2	43 3	43.2	43 2	43.2	42 0	44
	34.2	43.9	42.0	43.9	44.5	43.2		45.2	45.2	45.2	45 3	45.2	45 2	45 2	45 0	46.
≥ 2500			4307			44.0	45.2	47.7		77.2	17.7	47.7	47.7	47.7	42.8	
≥ 2000	36.8	46.5	46.5	40.0	47.1	47.1	47.7	4101	47.7	47.7	41.1	47.7	4101	4101	40.4	
≥ 1800	38.1	47.7	47.7	41.1	48,4	48.4	49,0	47.0	49.0	42.0	44.0	47.0	49.0	49.0	44.1	50.
≥ 1500	41.9	54.8	54.8	55.5	56.1	56.1	56.8	56.8	56.8	50.8	56.8	50.8	56.8	56.8	57.4	58.
≥ 1200	43.2	57.4	57.4	58.1	58.7	58.7	59.4	59.4	59,4	24.4	59.4	59.4	59.4	59.4	60.0	60.
≥ 1000	45.2	60.0	60.0	61.3	61.9	61.9	62.6	62.6	62.6	02.6	62.0	05.0	02.0	62.6	63.2	63.
≥ 900	45.2	61.3	61.3	62.6	63.2	63.2	63.9	63.9	63.9	63,9	63.9	63.9	63.9	63.9	64.5	65.
≥ 800	45.8	64.5	64.5	65.8	66,5	66.5	67.1	67.1	67.1	07.1	67.1	67.1	67.1	67.1	67.7	68.
≥ 700	48.4	69.0	69.0	71.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.9	73.
≥ 600	49.7	70.3	71.6	73.6	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.
≥ 500	49.7	71.6	72.9	74.8	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4	78.
≥ 400	50.3	72.3	73.6	76.8	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	50.0	80.
≥ 300	50.3	74.2	75.5	80.7	83.2	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8	86.
≥ 200	50.3	76.1	77.4	82.6	86.5	87.7	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.6	92.
	50.3	76.1	77.4	82.5	86.5	87.7	91.0	91.0	91.0	92.9	92.9	92.9	93.6		94.8	95.
≥ 100 ≥ 0	50.3	76.1	77.4	82.6	86.5	87.7	91.0	91.0	91.0	92.9	92.9	92.9	94.2		96.8	

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

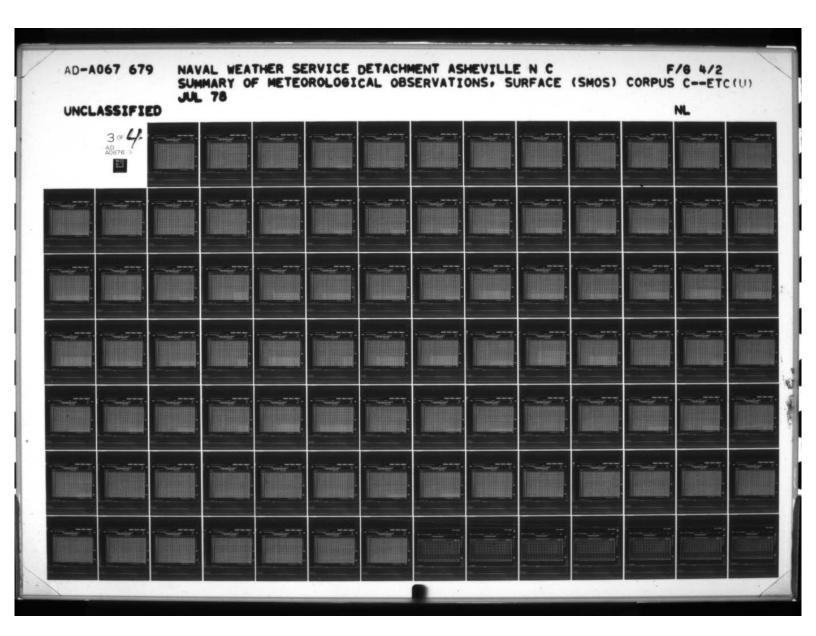
5703 CEILING VERSUS VISIBILITY JAN 78

0

0

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0





CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

73-77

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

O6

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.4	23.2	23.9	23.9	25.2	25.2	25.2	25.2	25.2	25,2	25.2	25.2	25.2	25.2	25.8	26.5
≥ 20000	21.3	25.2	25.8	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7	28.4
≥ 18000 ≥ 16000	21.3	25.2	25.8	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7	28.4
≥ 14000 ≥ 12000	21.3	25.2	25.8	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7	28.4
≥ 10000 ≥ 9000	22.6	26.5	27.1	27.1	28,4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28,4	28.4	29.0	29.7
≥ 8000	24.5	28.4	29.0	29.0	30,3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	31.0	31.6
≥ 7000 ≥ 6000	26.5	30.3	31.6	31.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.6	34.2
≥ 5000 ≥ 4500	27.1	31.6	32.3	32.3	33.6	33.6	33.6	33.6	33.6	33,6	33.6	33.6	33,6	33.6	34.2	34.8
≥ 4000	27.7	32.9	33.6	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	36.1
≥ 3500 ≥ 3000	28.4	33.6	34.2	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.1	36.8
≥ 2500 ≥ 2000	31.6	38.1	38.7	38.7	40.0	43.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	41.3
≥ 1800 ≥ 1500	34.2	41.3	50.3	41.9	43.9	43.9	43.9	43.9	43.9	43.9 52.3	43.9	43.9	43.9	52.3	52.9	45.2
≥ 1200 ≥ 1000	41.9	53.6	54.8	54.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4	58.1
≥ 900 ≥ 800	43.2	57.4	59.4	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.9	62.6
≥ 700	45.8	61.9	64.5	65.8	67,7	67.7	67.7	67.7	67.7	67.7	67,7	67.7	67.7	67.7	68.4	69.0
≥ 500	48.4	69.0	72.3	74.2	76.1	76.1	76.8	73.6	76.8	76,8	76.8	76.8	76.8	76.8	77.4	78.1
≥ 400 ≥ 300	50.3	74.2	78.7	81.3	83.2		85.2	85.2	85.2	85.8	85.8	85.8	84.5	85.8	86.5	87.1
≥ 200 ≥ 100	50.3	75.5	80.7	83.2	86.5	86.5	89.0	89.7	89.7	91.0	91.6	90.3	90.3	93.6	91.0	97.4
≥ 0	50.3	75.5	80.7	83.2	86.5	86.5	89.0	89.7	89.7	91.0	91.6	91.6	93.6	93.6	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MAR

O9

5763 CEILING VERSUS VISIBILITY

JAN 7841

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	18.7	21.9	21.9	21.9	22.6	29.0	22.6	23.2	23.2	29.7	23.2	23.2	23.2	23.2	23.2	23.
≥ 18000 ≥ 16000	23.2	27.7	28.4	28.4	29.0	29.0	29.0	29.7	29.7	29.7	29,7	29.7	29.7	29.7	29.7	29.
≥ 14000 ≥ 12000	23.2	27.7	28.4	28.4	29.0	29.0	30.3	29.7	29.7	31.0	29.7	29.7	29.7	29.7	29.7	29.
≥ 10000 ≥ 9000	24.5	30.3	31.0	31.6	31,6	31.6	31.6	32.3	32.9	32.9	32.3	32.3	32.3	32.3	32.3	32.
≥ 8000 ≥ 7000	27.1	32.9	33.6	33.6	34.2	34.2	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5 36.8	35.5 36.8	35.
≥ 6000 ≥ 5000	28.4	34.2	34.8	34.8	35.5	35.5	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.
≥ 4500 ≥ 4000	28.4	34.8	35.5	35.5	36.1	36.1 36.1	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.
≥ 3500 ≥ 3000	28.4	36.1	35.5	35.5	36.1	36.1	36.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.
≥ 2500 ≥ 2000	29.0 30.3	38.7	40.0	47.1	41.3	41.3	41.9	42.6	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 1800 ≥ 1500	31.0 31.6	45.2	51.6	52.3	53.6	53.6	49.7	55.5	50.3	50:3	50.3	55.5	55.5	50.3	55.5	50.
≥ 1200 ≥ 1000	32.9	52.9	56.8	54.2	55.5	56.1	58.1	58.7	58.7	65 2	58.7	65.2	65.2	58.7	58.7	65.
≥ 900 ≥ 800	32.9	54.2	58.7	63.9	63.9	67.7	69.7	70.3	70.3	70.3	70,3	70.3	70.3	70.3	70.3	70.
≥ 700 ≥ 600	32.9	55.5	61.9	65.8	69.0	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.0
≥ 500 ≥ 400	32.9	57.4	67.1	71.0	72.3	73.6	80.0	76.8	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.
≥ 300 ≥ 200	32.9	57.4	67.1	71.6	76.1	78.1	81.9	83.9	86.5	89,0	91.6	91.6	92,3	92.3	92.9	93.
≥ 100 ≥ 0	32.9	57.4	67.1	71.6	76.1	78.7	83.2	85.8	86.5	90.3	93.6	93.6	95.5	95.5	98.7	97.

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

12926 CORPUS CHRISTI, TEXAS

12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 10 ≥ 6 ≥ 5 ≥ 21/2 ≥ 1% ≥ 1% ≥ ¾ ≥ % ≥ 5/16 ≥ 0 32.3 32.3 32.3 32.3 32.9 32.9 32.9 43.9 43.9 43.9 44.5 44.5 44.5 23.9 31.0 31.6 32.3 32.9 32.9 32.9 32. NO CEILING ≥ 20000 43.9 44.5 43.9 43.9 43.9 44.5 43.9 43.2 43.9 ≥ 16000 44.5 44.5 45.2 44.5 31.6 42.6 43.9 31.6 42.6 43.9 32.9 44.5 45.8 45.2 45.2 44.5 ≥ 14000 ≥ 12000 46.5 46.5 46.5 47.1 46.5 46.5 46.5 47.1 ≥ 10000 ≥ 9000 49.0 49.0 49.0 49.7 51.0 51.0 51.0 51.6 ≥ 8000 ≥ 7000 51.6 51.6 51.6 52.3 51.6 51.6 52.3 52.3 52.3 ≥ 6000 ≥ 5000 51.0 51.0 51.0 52.3 52.3 52.3 52.3 52.9 52.9 52.9 52.9 53.0 53.6 53.6 35.5 48.4 51.0 51.6 51.6 36.8 49.7 52.3 52.9 52.9 52.3 52.3 53.6 53.6 ≥ 4500 ≥ 4000 53.6 53.6 53.6 ≥ 1800 ≥ 1500 89.0 89.0 89.0 92.3 92.3 92.3 95.5 95.5 95.5 96.1 96.1 96.8 96.8 96.8 97.4 83.2 89.7 93,6 94.2 72.3 99,4 99.4 83.2 89.7 99.4 96.8 97.4 99.4 99.4 99.4100.0100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

0

9286

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

MAR

15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.5	35.5	36.8	36.8	36.8	36.8	36.8	37.4	37.4	53.6	37.4	37.4	53.6	37.4 53.6	37.4	53.6
≥ 18000 ≥ 16000	34.8	51.6	52.9	52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000 ≥ 12000	36.1	54.2	54.2	54.2	54.2	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000 ≥ 9000	38.1	55.5	57.4	56.8	56.8	56.8	56.8	57.4	57.4	58.1	58.1	57.4	57.4	57.4	57.4	57.4
≥ 8000 ≥ 7000	39.4	57.4	58.7	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	61.3	59.4	59.4	59.4
≥ 6000 ≥ 5000	40.7	59.4	61.3	61.3	61,3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500 ≥ 4000	40.7	59.4	61.9	61.9	61.9	61.3	61.9	61.9	61.9	61.9	61.9	61.9	62.6	61.9	61.9	61.9
≥ 3500 ≥ 3000	40.7	60.7	65.8	65.8	62.6	65.8	62.6	67.1	63.2	67.1	67.1	67.1	67.1	67.1	67.1	63.2
≥ 2500 ≥ 2000	43.9	71.0	74.2	74.2	74.2	74.2	74.8	75.5	69.7 75.5	75.5	69.7 75.5	75.5	75.5	75.5	75.5	69.7 75.5
≥ 1800 ≥ 1500	45.6	71.0	80.0	80.0	80.0	80.0	80.7	75.5	75.5	61.3	75,5	81.3	81.3	61.3	75.5	75.5
≥ 1200 ≥ 1000	47.7	76.1	81.9	81.9	84.5	81.9	82.6	83.2	85.8	85,8	83,2	83.2	83.2	83.2	83.2	83.2
≥ 900 ≥ 800	48.4	79.4	85.2	89.0	89.0	85.8	89.7	90.3	90.3	90,3	90.3	90.3	90,3	90.3	90.3	90.3
≥ 700 ≥ 600	49.7	80.7	88.4	90.3	90.3	90.3	91.0	90.3	90.3	91.6	90,3	91.6	90.3	90.3	90.3	90.3
≥ 500 ≥ 400	49.7	81.9	89.7	92.3	92.9	92.9	92.9	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300 ≥ 200	49.7	83.9	92.3	95.5	95.5	95.5	96.1	98.1	99.4	100.0	98,1			100.0		
≥ 100 ≥ 0	49.7	83.9	92.3	95.5	96.1	96.1	97.4	99.4		100.0						2

TOTAL NUMBER OF OBSERVATIONS 15

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING VERSUS VISIBILITY

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CORPUS CHRISTI, TEXAS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ ₩	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.2	34.8	35.5	36.1	36.1	36.1	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 18000 ≥ 16000	33.6	50.3	51.6	53.6	53.6	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000 ≥ 12000	33.6	50.3	51.6	53.6	53.6	53.6	53.6	54.2	54.2	57.4	54.2	54.2	54.2	54.2	54.2	54.2
≥ 10000 ≥ 9000	35.5	53.6	54.8	56.8 56.8	56.8	56.8	56.8	57.4	57.4	57.4	57,4	57.4	57.4	57.4	57.4	57.4
≥ 8000 ≥ 7000	36.1 36.8	54.2	55.5	57.4	57.4	57.4	57,4 58.1	58.1 58.7	58.1 58.7	58.1	58.7	58.1	58.1	58.1 58.7	58.1	58.
≥ 6000 ≥ 5000	36.8	54.8	56.1	58 · 1 59 · 4	58.1	58.1	58.1	58.7	58.7	58.7	58,7	58.7	58.7	58.7	58.7	60.0
≥ 4500 ≥ 4000	37.4	57.4	57.4	59.4	59.4	59.4	59.4	60.0	61.9	61,9	61.9	61.9	61.9	61.9	61.9	61.
≥ 3500 ≥ 3000	39.4	58.7	60.7	62.6	62.6	65.2	62.6	63.2	63.2	65,8	63.2	63.2	63.2	63.2	63.2	63.
≥ 2500 ≥ 2000	42.6	62.6	65.2	67.1	69.0	69.0	67.1	69.7	69.7	69,7	67.7	67.7	69.7	67.7	67.7	69.
≥ 1800 ≥ 1500	43.2	63.2	69.7	72.3	72.3	72.3	72.9	70.3	70.3	70,3	70.3	70.3	70,3	73.6	70.3	70.3
≥ 1200 ≥ 1000	43.9	67.1	71.6	74.2	74.2	76.1	76.8	75.5	75.5	77.4	77,4	75.5	77.4	77.4	75.5	77.4
≥ 900 ≥ 800	44.5	70.3	76.8	80.7	80.7	78.1	81.9	82.6	79,4	82,6	82.6	79.4 82.6	82.6	79.4 82.6	82.6	82.6
≥ 700 ≥ 600	45.8	73.6	78.7	82.6	83.9	83.2	85.2	85.8	85.8	85,8	85,6	85.8	85.8	85.8	85.8	85.
≥ 500 ≥ 400	45.8	75.5	81.3	87.1	86.5	89.0	89.7	90.3	90.3	91,0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300 ≥ 200	45.8	77.4	83.2	89.0	90.3	91.6	92.3	94.2	94.2	93.6	93,6	95.5	93.6 96.1	96.1	93.6	96.
≥ 100 ≥ 0	45.8	77.4	83.2	89.0	90.3	91.6	92.3	94.2	94.2	95,5	95,5	95.5	98.1	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

0

5703 CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.7	39.4	40.0	40.0	40.7	41.3	41.3	41.3	41.3	52.9	41.3	52.9	41,3	41.3 52.9	41.3	41.3
≥ 18000 ≥ 16000	34.8	50.3	51.6	51.6	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9 52.9	52.9	52.9
≥ 14000 ≥ 12000	34.8	50.3	51.6	51.6	52.9	52.9	52.9	52.9	53.6	52,9	52.9	53.6	52.9	52.9	52.9	52.9
≥ 10000 ≥ 9000	35.5 35.5	51.0	52.3	52.3 52.3	52.9	53.6	53.6	53.6	53.6	53,6	53.6	53.6	53,6	53.6	53.6	53.6
≥ 8000 ≥ 7000	36.8	52.3	53.6	53.6	54.2	54.8	54.8	54.8	56.0	56.8	56.8	56.8	56,8	56.8	54.8	54.8
≥ 6000 ≥ 5000	38.1	54.2	55.5	57.4	56.1	56.8	56.8	56.8	56.8	58.7	58.7	56.8	58.7	56.8	56.8	56.8
≥ 4500 ≥ 4000	40.0	56.1 56.8	57.4	57.4	58.1	59.4	58.7	59.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3500 ≥ 3000	40.0	56.8	58.1	58.1	58.7	59.4	59.4	61.3	61.3	01.3	59,4	61.3	61.3	59.4	59.4	61.3
≥ 2500 ≥ 2000	41.3	61.3	63.2	63.9	64.5	63.2	63.2	63.2	65.2	65.2	65,2	65.2	65,2	65.2	63.2	65.2
≥ 1800 ≥ 1500	43.2	66.5	68.4	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1200 ≥ 1000	45.8	69.7	72.3	72.9	70.3	71.0	71.0	74.2	71.0	74.2	74,2	74.2	74,2	71.0	71.0	74.2
≥ 900 ≥ 800	46.5	71.0	72.3	72.9	73.6	76.1	74.2	76.2	76.1	76,1	74.2	76.1	76.1	76.1	74.2	74.2
≥ 700 ≥ 600	47.1	71.6	74.8	75.5	76.1	76.8	80.0	80.0	80.0	60.0	76.8	80.0	80.0	80.0	80.0	80.0
≥ 500 ≥ 400	47.7	78.1	81.3	82.6	83.2	83.9	83.9	89.7	89.7	89.7	89,7	89.7	89.7	89.7	83.9	89.7
≥ 300 ≥ 200	50.3	83.9	89.7	92.9	94.8	95.5	95.5	95.5	95.5	95,5	95,5	96,1	96.1	96.1	96.1	95.5
≥ 100 ≥ 0	50.3	83.9	89.7	92.9	94.8	95.5	96.1	96.8	96.8	97.4	97.4	96.8	97.4	97.4	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

0

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.9	31.1	31.5	31.7	32,2	32.3	32.3	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.8	
≥ 18000 ≥ 16000	29.6	39.8	40.6	40.9	41.4	41.5	41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.2
≥ 14000 ≥ 12000	29.8	40.0	40.8	41.1	41.6	41.8	41.8	42.0	42.1	42,1	42.2	42.2	42,2	42.2	42.3	42.4
≥ 10000 ≥ 9000	31.1	41.9	42.7	43.1	43.6	43.7	43.7	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.2	44.4
≥ 8000 ≥ 7000	32.3	43.2	44.1	44.4	44.9	45.1	45.2	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.7	45.8
≥ 6000 ≥ 5000	33.6	45.0	46.1	46.4	46,9	47.0	47.1	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.6	47.7
≥ 4500 ≥ 4000	34.3	45.8	46.9	47.3	47.7	47.9	48.0	48.2	48.3	48,3	48.4	48.4	48,4	48.4	48.6	48.7
≥ 3500 ≥ 3000	35.0 36.5	47.3	48.4	48.7	49.2	49.4	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	50.0	50.2
≥ 2500 ≥ 2000	37.4	51.1	52.7	53.1	53.6	53.9	54.1	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.7	54.8
≥ 1800 ≥ 1500	39.6	54.9	57.0	57.6	58,2	58.5	58.7	59.0	59.0	59.0	59.1	59.1	59,1	59.1	59.3	59.4
≥ 1200 ≥ 1000	42.7	61.7	64.5	65.5	66.3	66.6	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.7	67.8
≥ 900 ≥ 800	43.8	65.0	68.6	69.8	70.8	71.2	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.3	72.4
≥ 700 ≥ 600	45.3	68.4	72.6	74.5	75,7	76.2	76.8	77.0	77.1	77.1	77,2	77.2	77,2	77.2	77.3	77.5
≥ 500 ≥ 400	46.1	71.6	76.7	79.4	80,9	81.4	82.2	82.4	82.5	82.7	87.3	82.7	82,7	82.7	82.9	83.1
≥ 300 ≥ 200	46.8	74.9	81.3	85.3	87.7	88.6	89.9	90.5	90.6	91.1	91.2	91.2	91.3	91.3	91.5	91.7
≥ 100 ≥ 0	46.8	75.5	82.1	86.3	89.3	90.2	92.2	93.1	93.3	94.8	95.4	95.4	96.5	96.5	97.4	98.2

TOTAL NUMBER OF OBSERVATIONS

1240

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CEILING VERSUS VISIBILITY

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CORPUS CHRISTI, TEXAS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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5703 CEILING VERSUS VISIBILITY

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CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/4	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0		40.0	40.0	40.0
≥ 20000	40.7	44.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	40.0	46.0	40.0	46.0	46.0	46.0	46.0
≥ 18000	40.7	44.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	40.0	46.0
≥ 16000	40.7	44.7	46.0	46.0	46.0	40.0	46.0	40.0	46.0	40,0	40.0	40.0	40.0	46.0	40.0	40.0
≥ 14000	40.7	44.7	46.0	40.0	40.0	40.0	46.0	40.0	46.0	46.0	46.0	46.0	46.0	40.0	46.0	40.0
≥ 12000	40.7	44.7	40.0	40.0	46.0	40.0	46.0	40.0	46.0	40.0	46.0	40.0	40.0	40.0	46.0	40.0
≥ 10000	41.3	46.0	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000	41.3	46.0	47.3	48.0	48.0	48.0	48.0	48.0	48.0	40.0	48,0	48.0	40.0	48.0	40.0	48.0
≥ 8000	42.7	49.3	20.1	21.3	21.3	21.3	21.3	31.3	51.3	52.3	21.2	51.3	31.3	51.3	51.5	31.3
≥ 7000	44.0	50.7	52.0	52.7	52.7	52.7	52.7	52.7	52.7	2201	52.7	52.7	32,1	52.7	7201	52.7
≥ 6000	44.0	50.7	52.0	52.7	52.7	25.7	52.7	32.1	52.1	54.0	34.0	54.0	54.0	54 0	54 0	52.7
≥ 5000	45.3	52.0	53.3	24.0	54,0	54.0	24.0	34.0	34.0	54.7	34.0	54.7	34.0	34.0	54.7	54.0
≥ 4500	46.0	52.7	34.0	54.7	24.1	34.7	34.1	24.	54.1	55.2	34.1	58 -	56. 7	55 7	56 2	56 7
≥ 4000	47.3	53.3	54.7	55.3	55,3	55.3	25.3	27 3	57 3	57.0	27.3	57.3	57 3	87 3	57.3	57.3
≥ 3500 > 3000	48.7	55.3	58.0	58.7	71.3	58.7	57.3	20 7	58.7	58.7	58.7	68.7	58.7	58 7	5R.7	58.7
	49.3	58.0	59.3	60.0	60.0		58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2500 ≥ 2000	50.7	59.3	60.7	61.3	61.3	61.3	60.0		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
	50.7	59.3	50.7	61.3	61.3	61.3	01.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800 ≥ 1500	52.0	62.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
	52.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1200 ≥ 1000	53.3	64.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
	54.0	66.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 900 ≥ 800	55.3	70.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	57.3	73.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 700 ≥ 600	59.3	77.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
	59.3	80.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 500 ≥ 400	59.3	82.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	59.3	83.3	90.7	92.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300 ≥ 200	59.3	84.0	93.3	95.3	96.7	96.7	97.3	97.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
	59.3	84.0	93.3	95.3	96.7	96.7	97.3	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100 ≥ 0	59.3	84.0	93.3	95.3	96.7	96.7	97.3	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

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CORPUS CHRISTI, TEXAS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.7	34.0	34.7	34.7	35.3	35.3	36.0	36.0	36.0	42.0	36.0	36.0	42.0	36.0	36.0	36.0
≥ 18000 ≥ 16000	34.0	40.0	40.7	40.7	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 14000 ≥ 12000	34.0	40.0	40.7	40.7	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 10000 ≥ 9000	35.3 35.3	43.3	44.0	44.7	45.3	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 8000 ≥ 7000	36.7	44.7	45.3	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47,3	47.3	47.3	47.3
≥ 6000 ≥ 5000	37.3	45.3	47.3	48.0	47.3	47.3	48.0	48.0	48.0	48.0	48.0	49.3	48.0	48.0	49.3	49.3
≥ 4500 ≥ 4000	38.0 38.7	47.3	47.3	48.0	48.7	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500 ≥ 3000	40.0	49.3	50.0	50.7	52.0	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 2500 ≥ 2000	41.3	53.3	56.0	56.7	57.3	57.3	58.0	58.0	58.0	58.0	54.7	58.0	58.0	58.0	58.0	58.0
≥ 1800 ≥ 1500	41.3	54.0	63.3	64.0	58.0	58.0	58.7	65.3	58.7	65.3	65.3	65.3	65.3	65.3	65.3	58.7
≥ 1200 ≥ 1000	47.3	65.3	68.7	69.3	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 900 ≥ 800	50.0	68.0	72.7	72.0	73.3	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	74.7	74.7
≥ 700 ≥ 600	52.0	70.7	74.7	75.3	77.3	78.0	78,7	78.7	78.7	81.3	78,7	78.7	81.3	81.3	78.7	78.7
≥ 500 ≥ 400	52.0	76.7	78.7	82.7	81.3	86.0	86.7	86.7	82.7	86.7	86.7	86.7	86,7	86.7	82.7	82.7
≥ 300 ≥ 200	52.0	78.0	83.3	88.0	90,7	91.3	92.0	94.7	92.0	94.7	94.7	92.0	95,3	95.3	92.0	95.3
≥ 100 ≥ 0	52.0	78.0	83.3	89.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	96.0	96.7	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

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5703 CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.7	28.0	30.0	30.7	31.3	32.7	33.3	33.3	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	26.0	32.0	34.7	36.7	37.3	38.7	39.3	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	26.0	32.0	34.7	36.7	37.3	38.7	39.3	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000	26.0	32.0	34.7	36.7	37.3	38.7	39.3	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.
≥ 14000	26.0	32.0	34.7	36.7	37.3	38.7	39.3	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.
≥ 12000	26.0	32.7	35.3	37.3	38.0	39.3	40.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.
≥ 10000	26.0	33.3	37.3	39.3	40.7	42.0	42.7	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.
≥ 9000	26.0	33.3	37.3	39.3	40.7	42.0	42.7	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.
≥ 8000	27.3	35.3	39.3	41.3	42.7	44.0	44.7	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.
≥ 7000	28.0	38.0	42.0	44.7	46.0	47.3	48.0	48.0	48.0	48 . 7	48.7	48.7	48.7	48.7	48.7	48.
≥ 6000	28.0	38.0	42.0	44.7	46.7	48.0	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.
≥ 5000	28.7	38.7	42.7	45.3	47.3	48.7	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.
≥ 4500	28.7	38.7	42.7	45.3	47.3	48.7	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.
≥ 4000	28.7	38.7	43.3	46.7	48.7	50.0	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.
≥ 3500	30.0	40.7	45.3	48.7	50.7	52.0	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.
≥ 3000	30.0	40.7	45.3	48.7	50.7	52.0	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.
≥ 2500	30.7	42.0	47.3	50.7	52.7	54.0	54.7	54.7	54.7	55,3	55.3	55.3	55.3	55.3	55.3	55.
≥ 2000	31.3	44.7	50.0	53.3	55.3	56.7	57.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.
≥ 1800	31.3	44.7	30.0	53.3	55.3	56.7	57.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.
≥ 1800 ≥ 1500	33.3	50.0	56.7	60.0	62.7	64.0	64.7	64.7	64.7	65,3	65.3	65.3	65.3	65.3	65.3	65.
≥ 1200	34.7	52.0	59.3	62.7	65.3	67.3	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.
≥ 1000	35.3	54.0	62.7	66.7	69.3	71.3	72.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.
≥ 900	35.3	55.3	64.0	68.0	70.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.
≥ 900 ≥ 800	37.3	57.3	66.7	70.7	74.0	76.0	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.
≥ 700	37.3	57.3	68.0	72.0	76.0	78.0	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.
≥ 700 ≥ 600	38.0	60.0	71.3	76.7	81.3	84.0	84.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.
	38.0	60.0	72.0	77.3	83.3	86.7	88.0	88.0	88.0	88,7	88.7	88.7	88.7	88.7	88.7	88.
≥ 500 ≥ 400	38.0	62.0	74.0	80.0	86.7	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.
≥ 300	38.0	62.0	75.3	81.3	88.0	91.3	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	95.3	95.
≥ 200	38.0	62.0	75.3	81.3	88.0	91.3	94.0	94.0	94.7	96.0	96.0	96.0	97.3	97.3	98.0	98.
	38.0	62.0	75.3	81.3	88.7	92.0	94.7	94.7	95.3	96.7	96.7	96.7	98.0	98.0	100.0	
≥ 100 ≥ 0	38.0	62.0	75.3	81.3	88.7	92.0	94.7	94.7	95.3	96.7	96.7	96.7	98.0			100.

TOTAL NUMBER OF OBSERVATIONS 15

CEILING VERSUS VISIBILITY

12926 CURPUS CHRISTI, TEXAS

73-77

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HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 5 ≥ 21/2 ≥ 11/2 ≥ 11/4 ≥ 1 ≥ 5/16 27.3 28.0 28.0 28.0 27.3 NO CEILING 22.7 35.3 35.3 35.3 35.3 35.3 ≥ 20000 35.3 35.3 35.3 35.3 26.0 34.0 34.7 35.3 35.3 34.7 34.7 35.3 35.3 34.7 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35.3 26.0 34.0 ≥ 18000 ≥ 16000 35.3 26.0 34.0 ≥ 14000 ≥ 12000 26.0 27.3 37.3 27.3 37.3 38.0 ≥ 8000 ≥ 7000 28.7 40.7 ≥ 6000 ≥ 5000 30.0 43.3 48.7 48.7 48.7 48.7 ≥ 4500 ≥ 4000 30.0 43.3 51.3 51.3 31.3 45.3 32.0 47.3 51.3 51.3 55.3 55.3 ≥ 3500 ≥ 3000 51.3 ≥ 2500 ≥ 2000 52.7 53.3 ≥ 1800 ≥ 1500 61.3 66.0 66.7 69.3 70.7 64.0 69.3 70.7 74.0 75.3 36.7 1200 76.0 77.3 78.7 78.7 78.7 78.7 79.3 79.3 79.3 79.3 79.3 78.7 80.7 82.0 82.0 82.0 82.7 82.7 82.7 82.7 82.7 82.7 37.3 64.7 70.0 38.0 66.7 72.0 72.7 900 800 38.0 68.0 700 600 38.0 68.0 38. > 38.7 81.3 86.7 90.0 94.7 94.7 97.3 81.3 86.7 90.7 96.7 96.7 97.3 2 98.7 98.7 98.7 98.0 98.7 98.7 98 76.7 86.7 96.7 96.7 97.3 98.0 98.7 98.7 98.7 98.7 99.3100.0 96.7 96.7 97.3 98.0 98.7 98.7 98.7 98.7 99.3100.0 98.0 98.7 90.7 68.7 100

> 150 TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 3	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.0	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	28.7	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000	28.7	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40,7	40.7	40.7	40.7
≥ 16000	28.7	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	4007	多日•7	40.7
≥ 14000	28.7	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000	28.7	39.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 10000	30,7	43.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3		45.3	45.3
≥ 9000	30.7	43.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000	32.7	46.0	48.0	48.0	48.0	48.7	48.7	48.7	48.7	48 . 7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 7000	34.7	49.3	51.3	51.3	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 6000	35.3	50.0	52.0	52.0	52.0	52.7	53.3	53.3	53.3	53,3	53.3	53.3	53,3	53.3	53.3	53.3
≥ 5000	35.3	50.7	52.7	52.7	52.7	53.3	54.0		54.0	34.0	54.0	54.0	54.0	-	54.0	54.0
≥ 4500	35.3	50.7	52.7	52.7	52.7	53.3	54.0		54.0	24.0	54.0	24.0	54.0			54.0
≥ 4000	36.7	52.0	54.0	-	54.0	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3500 ≥ 3000	37.3	53·3	59.3	55.3	55.3	56.0	56.7	56.7	56.7	61.3	56.7	56.7	61.3	56.7	56.7	56.7
	38.7	59.3	62.7	62.7	63.3	64.0	61.3	61.3	61.3	64.7	61.3	64.7	64.7	64.7	64.7	61.3
≥ 2500 ≥ 2000	42.0	65.3	69.3	69.3	70.0	70.7	71.3	71.3	71 3	71.2	71 3	71.3	71 2	71.3	71.2	71.3
	42.0	65.3	69.3	69.3	70.0	70.7		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1800 ≥ 1500	44.7	72.0	77.3	77.3	78.7	80.0	71.3 80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
	46.0	76.7	82.7	82.7	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200 ≥ 1000	46.7	78.7	86.0	86.0	87.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0		90.0	90.0
≥ 900	46.7	78.7	86.7	86.7	88.0	90.0	90.7	90.7	90.7	90,7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	46.7	80.7	88.7	89.3	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0		94.0	94.0
	46.7	82.0	90.0	91.3	93.3	95.3	96.0	96.0	96.0	95.0	96.0	96.0	96.0	-	96.0	96.0
≥ 700 ≥ 600	46.7	82.0	90.0	91.3	93.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0		96.0	96.0
≥ 500	46.7	82.7	90.7	92.0	94.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0		98.0	98.0
≥ 400	46.7	83.3	91.3	92.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7		98.7	98.7
≥ 300	46.7	83.3	91.3	92.7	95.3	98.0	99.3	99.3	99.3	99,3	99.3	99.3	99.3		99.3	
≥ 200	46.7	83.3	91.3	92.7	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 100	46.7	83.3	91.3	92.7	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99,3	100.0	100.0	100.0
≥ 0	46.7	83.3	91.3	92.7	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 6 ≥ 5/16 ≥ 10 ≥ 5 ≥ 21/2 ≥ 11/2 ≥ 1% ≥ 1 ≥ 1/2 29.3 38.0 40.7 40.7 40.7 40.7 40.7 40.7 40.7 40.7 40.7 40.7 NO CEILING 40.7 40.7 40.7 54.0 54.0 54.0 54.0 ≥ 20000 54.0 54.0 54.0 54.0 36.0 50.0 36.0 50.0 54.0 54.0 54.0 54.0 54.0 54.0 54.0 54.0 36.0 50.0 36.7 50.7 54.7 54.0 54.0 54.0 ≥ 16000 54.0 54.0 54.0 54.0 54.0 54.0 54.7 54.7 54.7 54.7 54.7 54.7 ≥ 14000 ≥ 12000 54.7 54.7 54.7 55.3 55.3 55.3 36.7 50.7 58.0 58.0 57.3 58,0 58.0 58.0 58.0 58.0 58.0 58.0 58.0 58.0 ≥ 10000 ≥ 9000 37.3 53.3 58.0 58.0 58.0 58.0 58.0 58.0 58.0 58.0 58.0 37.3 53.3 ≥ 8000 ≥ 7000 ≥ 3500 ≥ 3000 67.3 46.7 ≥ 2500 ≥ 2000 78.0 78.7 86.7 88.0 90.0 91.3 91.3 88.7 90.0 92.7 94.0 94.0 91,3 50.7 80.0 50.7 80.0 50.7 80.0 50.7 80.7 50.7 80.7 50.7 80.7 50.7 80.7 50.7 80.7 100 80.7

DIRNAVOCEANMET SMOS

0

CEILING VERSUS VISIBILITY

2

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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5703

CEILING VERSUS VISIBILITY

JAN 78

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0

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.7	46.0	48.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	36.7	54.7	58.0	60.0	61.3	61.3	61.3	61.3	61.3	61,3	61.3	61.3	61,3	61.3	61.3	61.3
≥ 18000 ≥ 16000	36.7	54.7	58.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000 ≥ 12000	36.7	54.7	58.7	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	38.0	56.7	60.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	38.0	56.7	60.7	62.7	64.0	64.0	54.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000 ≥ 7000	41.3	60.0	67.3	69.3	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	42.0	62.0	67.3	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000 ≥ 5000	42.7	62.7	68.0	70.0	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	42.7	63.3	68.7	70.7	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	44.0	66.0	71.3	73.3	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500 ≥ 3000	44.7	66.7	72.0	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
≥ 2500	45.3	68.0	73.3	75.3	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	46.7	70.0	75.3	77.3	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
≥ 1800 ≥ 1500	47.3	71.3	76.7	78.7	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.
≥ 1200	47.3	72.7	78.0	80.0	82.7	84.0	84.0	85.0	84,0	84.0	84,0	84.0	84.0	84.0	84.0	84.0
≥ 1000	47.3	72.7	78.0	80.7	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 900 ≥ 800	47.3	72.7	80.7	84.7	88.0	89.3	85.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	48.0	75.3	83.3	88.0	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	48.0	76 · g	84.0	88.7	93.2	94.7	94.7	94.7	94.7	7997	94.1	94.7	94.7	94.7	94.7	94.1
≥ 500 ≥ 400	48.0	76.7	84.7	89.3	94.7	96.0	96.0	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300 ≥ 200	48.0	76.7	84.7	89.3	94.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	48.0	76.7	84.7	89.3	94.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.31	00.0
≥ 100 ≥ 0	48.0	76.7	84.7	89.3	94.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.31	100.0

150 TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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5703 CEILING VERSUS VISIBILITY JAN 78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.
≥ 20000	41.3	52.0	54.0	54.0	54.0	54.0	34.0	54.0	24.0	34.0	54.0	54.0	54.0	54.0	54.0	54.
≥ 18000 ≥ 16000	41.3	52.0	54.0	54.0	54.0	54.0	34,0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.
	41.3	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.
≥ 14000 ≥ 12000	41.3	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.
≥ 10000	42.0	53.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.
≥ 9000	42.7	54.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.
≥ 8000	43.3	56.0	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
≥ 7000	44.7	58.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.
≥ 6000	44.7	59.3	61.3	61.3	62.0	62.0	62,0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.
≥ 5000	44.7	60.0	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.
≥ 4500	44.7	60.0	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62,7	62.7	62.7	62.7	62.7	62.
≥ 4000	46.0	61.3	64.0	64.0	64.7	64.7	64.7	64.7	64.7	04.7	64.7	04.7	04.7	04.7	04.7	64.
≥ 3500	46.7	62.0	64.7	64.7	65,3	65.3	65,3	65.3	65.3	05.3	65.3	65.3	65.3	65.3	65.3	65.
≥ 3000	46.7	62.7	67.3	65.3	66.0	60.0	66.0	60.0	66.0	68.7	66.0	68.7	66.0	66.0	66.0	60.
≥ 2500 ≥ 2000	47.3	66.0	68.7	69.3	68.7	70.0	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.
	48.0	66.0	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.
≥ 1800 ≥ 1500	49.3	58.0	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.
≥ 1200	49.3	70.0	73.3	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.
≥ 1000	50.7	72.0	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.
≥ 900	51.3	72.7	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.
≥ 800	52.0	74.7	78.7	79.3	81.3	81.3	81.3	81.3	81.3	81.3	81,3	81.3	81.3	81.3	81.3	81.
≥ 700	52.0	75.3	80.7	81.3	83,3	83.3	83.3	83,3	83.3	83,3	83,3	83,3	83.3	83.3	83.3	83.
≥ 600	54.0	80.7	86.0	88.0	90.0	90.0	90.0	90.0	90.0	90,0	90.0	90.0	90.0	90.0	90.0	90.
≥ 500	54.0	80.7	86.0	89.3	91,3	91.3	91.3	91.3	91.3	31.3	91,3	91.3	91,3	91.3	91.3	91.
≥ 400	54.0	82.7	88.0	93.3	95.3	95.3	95.3	95.3	95.3	95,3	95.3	75.3	95.3	95.3	95.3	95.
≥ 300	54.0	82.7	89.3	94.7	96.7	97.3	97.3	97.3	97.3	97,3	97.3	97.3	97.3	97.3	97.3	97.
≥ 200	54.0	82.7	89.3	95.3	97.3	98.0	98.7	98.7	98.7	98,7	98.7	98.7	98.7	98.7	98.7	98.
≥ 100 ≥ 0	54.0	82.7	89.3	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.
2 0	54.0	82.7	89.3	95.3	97.3	98.0	98.7	98.7	98.7	70,7	98 7	7001	98.7	99.3	99.3	100

TOTAL NUMBER OF OBSERVATIONS

150

0

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

APR

ALL HOURS (LST.)

5703 CEILING VERSUS VISIBILITY JAN 7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	29.5	36.2	37.5	37.8	38.1	38.3	38.4	38.4	36.4	46.7	38.5	38.5	38.5	38.5	38.5	38.5
≥ 18000 ≥ 16000	33.7	43.3	45.3	45.8	46.3	46.4	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 14000 ≥ 12000	33.8	43.4	45.5	46.4	46.9	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 10000 ≥ 9000	34.8	45.8	48.2	48.8	49.6	49.8	50.0	50.0	50.0	50.1	50.2	50.1	50.1	50.1	50.1	50.2
≥ 8000 ≥ 7000	36.2	50.1	50.6	51.3	52.0	52.5	52.7	52.7	52.7	55.3	52.8	52.8	52.8	52.8 55.3	52.8	52.8
≥ 6000 ≥ 5000	37.6	50.4	53.3	54.0	54.8	55.4	55.7	55.7	55.7	55,8	56.0	56.8	55.8	55.8 56.8	55.8	55.8
≥ 4500 ≥ 4000	38.4	51.8	54.6	57.1	56.2	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500 ≥ 3000	40.2	54.3	59.0	58.3	60.8	61.4	59.9	61.7	61.7	61.8	61.8	61.8	61.8	60.0	61.8	61.8
≥ 2500 ≥ 2000	41.6	57.7	61.3	62.3	63.3	63.9	64.2	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1800 ≥ 1500	42.9	64.6	69.2	65.3	71.5	67.0	72.6	67.3	72.7	72,8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 1200 ≥ 1000	45.6	67.3	72.1	73.1	74.5	78.4	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 900 ≥ 800	46.5	71.6	75.3	76.9	78.8	79.8	80.3	80.3	83.5	80.4	83.7	83.7	83.7	83.7	80.5	83.7
≥ 700 ≥ 600	47.5	72.8	79.7	81.9	84.3	85.5	85.9	86.0	86.0	89,1	86,3	89.2	86.3	89.2	89.2	86.3
≥ 500 ≥ 400	48.4	75.5	82.8	87.9	89,0	93.0	91.0	91.1	91.1	91.3	91.3	91.3	94.3	91.3	91.3	91.3
≥ 300 ≥ 200	48.4	76.9	85.3	89.0	92.7	95.3	96.0	96.1	96.2	96,3	98,1	98.1	98.3	96.4	96.5	96.5
≥ 100 ≥ 0	48.4	77.0	85.6	89.7	93.6	95.4	97.3	97.4	97.0	98,1	98.3	98.3	98.6	00 0	99.3	99.6

TOTAL NUMBER OF OBSERVATIONS

1200

CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

73-77

MAY

DED

00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.1	41.9	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43,2	43,2	43.2	43.2	43.2	43.2	43.2
≥ 20000	48.4	53.6	5402	55.5	55.5	55.5	55.5	55.5	55.5	55,5	55,5	55.5	55,5	55.5	55.5	55.5
≥ 18000 ≥ 16000	48.4	53.6	54.2	55.5	55.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000 ≥ 12000	48.4	53.6	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	50.3	56.8	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	50.3	56.8	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	52.3	59.4	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61,3	61.3	61,3	61.3	61.3	61.
≥ 7000	52.3	59.4	60.0	61.3	61.3	01.3	01.3	61.3	61.3	01.3	61.3	01.3	01.3	01.3	01.3	61.3
≥ 6000 ≥ 5000	52.3	59.4	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.5
≥ 4500 > 4000	52.9	60.0	60.7	61.9	61.9		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.
≥ 3500	53.6	60.7	61.3	62.6	62,6	62.6	62.6	62.6	62.0	62.6	62.6	62.6	62,6	62.6	62.6	62.6
≥ 3000	54.2	62.6	63.2	64.5	64.5	64.5	04.5	64.5	04.2	04.5	04.3	04.5	04.5	04.5	04.5	04.
≥ 2500 ≥ 2000	55.5	63.9	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.
≥ 1800 ≥ 1500	57.4	67.1	67.7	69.0	69.0	69.0	73.6	69.0	69.0	73.6	69.0	69.0	69,0	69.0	69.0	69.
≥ 1200	62.6	73.6	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.
≥ 1000 ≥ 900	65.2	76.8	78.1	81.9	81.9		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 800	68.4	83.9	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87,1	87.1	87.1	87.1	87.1	87.1	87.
≥ 700 ≥ 600	70.3	86.5	90.3	91.0	91.0		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	71.6	92.9	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 400	71.6	93.6	96.1	99.4	2 2 2 2	100.0	* *	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.
≥ 300 ≥ 200	71.6	93.6	96.1			100.0		100.0			100.0		100.0	100.0	100.0	100.0
≥ 100 ≥ 0	71.6	93.6	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 15

DIRNAVOCEANMET SMOS

155

5703 CEILING VERSUS VISIBILITY JAN 7

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

0

5703

CEILING VERSUS VISIBILITY

JAN 78

0

0

0

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.3	45.8	46.5	47.1 55.5	47.1	47.1	47.1	47.1	47.1	47.1 55.5	47, 1 55.5	47.1 55.5	47,1	47.1 55.5	47.1	47.
≥ 18000 ≥ 16000	49.0	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.
≥ 14000 ≥ 12000	49.0	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.
≥ 10000 ≥ 9000	51.0	56.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.
≥ 8000 ≥ 7000	52.9	59.4	60.0	60.7	60.7	60.7	60.7	63.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	63.
≥ 6000 ≥ 5000	55.5	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.
≥ 4500 ≥ 4000	56.1	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.
≥ 3500 ≥ 3000	56.8	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.
≥ 2500 ≥ 2000	58.7	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66,5	66.5	66.5	66.
≥ 1800 ≥ 1500	60.0	67.1	67.7	69.0	69,0	69.0	69.0	69.0	69.0	69.0	69.0	76.1	69.0	69.0	69.0	
≥ 1200 ≥ 1000	67.7	78.1	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
≥ 900 ≥ 800	71.0	83.2	84.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
≥ 700 ≥ 600	71.6	87.1	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.
≥ 500 ≥ 400	72.3	90.3	91.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95,5	95.5	95.5	95.
≥ 300 ≥ 200	72.3	90.3	92.3	96.8	99.4	99.4	99.4	99.4	100.0			100.0	100.0	100.0		100.
≥ 100 ≥ 0	72.3	90.3	92.3	96.8	99.4	99.4	99.4		100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06

VISIBILITY (STATUTE MILES) CEILING ≥ 10 ≥ 6 ≥ 5 ≥ 11/2 ≥ 1% ≥ 1 ≥ 5/16 35.5 35.5 45.8 45.8 35,5 35,5 20.7 27.7 31.0 33.6 34.8 43.9 45.2 34.8 35.5 35.5 NO CEILING 32.3 32,9 33.6 ≥ 20000 36.8 45.8 45.8 42.6 43.9 43.9 45.2 45.8 45.8 45.8 45.8 45.8 45.8 45.8 36.8 40.7 27.7 43.2 47.1 49.2 27.7 43.2 47.1 49.2 27.7 43.2 47.1 49.2 25.2 45.8 ≥ 16000 46.5 46.5 51.0 52.3 51.0 52.3 52.9 52.9 52.9 52.9 52.9 52.9 52.9 52.9 50.3 51.0 52.3 54.8 55.5 55.5 56.8 56.8 57.4 57.4 57.4 58.7 58.7 59.4 59.4 29.0 48.4 53.6 55.5 ≥ 6000 ≥ 5000 30.3 50.3 52.9 52.3 57.4 59.4 52.9 58.7 60.7 53.6 59.4 61.3 ≥ 3500 ≥ 3000 65.2 55.5 61.9 63.9 58.1 64.5 67.7 58.1 70.3 70.3 76.1 76.1 71.6 72.3 72.3 77.4 78.1 78.1 81.9 82.6 82.6 87.7 88.4 88.4 68.4 1800 78.1 78.1 75.5 80.7 80.7 81.9 86.5 86.5 87.7 82.6 82.6 82.6 88.4 88.4 88.4 82.6 82.6 88.4 88.4 65.2 72.9 77.4 83.2 69.0 87.1 87.1 88.4 89.0 89.0 90.3 90.3 91.6 81.9 88.4 94.2 95.5 98.1 92.9 73.6 83.2 91.0 96.1 98.1 94.2 73.6 96.1 98.1 96.1 98.1 98.1 99.4100.0100.0100.0100.0100.0100.0 96.1 98.1 98.1 99.4100.0100.0100.0100.0100.0100.0 98.1 73.6 94.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

5703 CEILING VER

0

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MAY

801

О

0

0

0

1588

HALL

09

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 10 ≥ 6 ≥ 11/2 ≥ 11/4 ≥ 1 ≥ 5/16 38.7 36.7 38.7 38.7 38.7 46.5 46.5 46.5 46.5 46.5 38.7 38.7 38.7 38.7 38,7 38,7 38.7 NO CEILING 27.7 38.1 31.6 45.8 46.5 46.5 46.5 ≥ 20000 46.5 46.5 46.5 46.5 46.5 46.5 46.5 46.5 46.5 46.5 46.5 46.5 46.5 ≥ 18000 ≥ 16000 48.4 48.4 48.4 48.4 48.4 ≥ 14000 ≥ 12000 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6 ≥ 10000 ≥ 9000 52.9 53.6 53.6 53.6 53.6 53.0 53.6 53.6 57.4 57.4 57.4 57.4 57.4 57.4 53.6 53.6 ≥ 8000 ≥ 7000 57.4 57.4 57.4 58.1 58,1 58.1 57.4 57.4 57.4 57.4 57.4 58.1 58.1 58.1 58.1 57.4 57.4 57.4 57.4 58.1 58.1 58.1 58.1 38.7 ≥ 6000 ≥ 5000 58.1 56.1 ≥ 4500 ≥ 4000 58.1 58.1 56.1 56.8 57.4 58.7 58.7 58.7 ≥ 3500 ≥ 3000 60.0 60.0 61.3 61.3 63.2 63.2 64.5 64.5 61.3 61.3 ≥ 2500 ≥ 2000 63.2 63.2 61.3 1800 1500 <u>></u> 76.1 76.8 76.8 77.4 72.3 91.6 92.3 80.7 1200 92.9 92.9 91.0 83.9 92.3 92.9 92.9 500 400 98.7 99.4100.d100.d100.d100.d100.d100.d100.d 98.1 98.1 98.7 99.4100.0100.0100.0100.0100.0100.0100.0 98.1 98.7 99.4100.0100.0100.0100.0100.0100.0100.0 100

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

513

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

0

0

5763 CEILING VERSUS VISIBILITY

0

0

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.6	38.1	39.4	39.4	39.4	39.4	40.0	40.0	40.0	40.0	40,0	40.0	40.0	40.0	40.0	40.0
≥ 20000	38.1	42.6	43.9	44.5	44.5	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45,2	45.2	45.2	45.2
≥ 18000 ≥ 16000	38.1	42.6	43.9	44.5	44.5	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000	38.1	42.6	43.9	44.5	44,5	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 12000	38.7	43.2	44.5	45.2	45.2	45.2	45.8	45.8	45.0	4298	45.0	45.8	45.8	45.8	45.8	45.8
≥ 10000 ≥ 9000	41.3	45.8	47.7	48.4	48.4	49.0	49.0	49.0	49.0	49.7	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	42.6	47.7	49.7	50.3	50.3	50.3	51.0	51.0	51,0	51.0	51.0	51.0	51,0	51.0	51.0	51.0
≥ 7000	43.2	51.0	52.9	53.6	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000 ≥ 5000	44.5	52.3	54.2	54.8	54.8	54.8	55.5	55.5	55.5	55,5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500	44.5	52.9	54.2	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55,5	55.5	55.5	55.5
≥ 4000	45.8	53.6	55.5	56.1	56.1	56.1	56.8	50.8	56.8	2008	50,0	20.0	50.8	56.8	50.8	56.8
≥ 3500 ≥ 3000	46.5	56.8	59.4	57.4	57.4	60.0	58.1	60.7	58.1	60.7	60.7	60.7	60.7	60.7	60.7	58.1
≥ 2500 ≥ 2000	51.6	61.9	65.2	65.8	65.8	65.8	56.5	66.5	66.5	77.4	66.5	66.5	66.5	66.5	66.5	77.4
≥ 1800	58.7	72.9	76.1	76.8	77.4	77.4	78.1	78.1	78.1	78,1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1500	61.3	81.9	85.8	86.5	87.7	88.4	89.0	89.0	89.0	84.0	89.0	84.0	89.0	89.0	89.0	89.0
≥ 1200 ≥ 1000	63.2	87.7	91.6	92.3	93.6	94.2	94.8	94.8	96.1	96.1	94.8	96.1	96.1	96.1	96.1	94.8
≥ 900	63.2	87.7	92.3	92.9	94,2	95.5	96.1	96.1	96.1	96,1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	63.2	89.0	94.2	94.5	96.1	98.1	98.7	98.7	98.7	98,7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700 ≥ 600	63.2	89.0	94.2	94.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	63.2	89.0	94.2	94.8	96,8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	63.2	89.0	94.2	94.8	96.8	98.7	99.4	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	63.2	89.0	94.2	94.8	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	63.2	89.0	94.2	94.8	96.8	98.7	79.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 100 ≥ 0	63.2	89.0	94.2	94.8	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

0

CORPUS CHRISTI, TEXAS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.3	54.2	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43,2	43.2	43.2	43.2		43.2	
≥ 18000 ≥ 16000	43.9	54.2	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
≥ 14000 ≥ 12000	43.9	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	57.4	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000 ≥ 9000	46.5	58.7	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000 ≥ 7000	47.1	60.0	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000 ≥ 5000	48.4	63.9	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65 . 8	65,8	65.8	65,8		65.8	65.8
≥ 4500 ≥ 4000	48.4	63.9	65.2	65.2	67.1	67.1	65.8	67.1	67.1	67.1	67.1	65.8	67.1	67.1	67.1	67.1
≥ 3500 ≥ 3000	49.0 50.3	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	69.0	67.7	67.7	67.	67.7	67.7	67.7
≥ 2500 ≥ 2000	52.9	76.8	71.0	71.0	71.6	71.6	71.6	71.6	71.0	71.6	80.0	71.6	80.0			
≥ 1800 ≥ 1500	56.8	78.1 85.8	87.1	80.7	81.9	81.9	81.9	81.9	81.9	81,9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200 ≥ 1000	63.2	90.3	91.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	96.8	94.2	94.2	94.2
≥ 900 ≥ 800	63.2	90.3	92.9	94.8	95.5	97.4	97,4	97.4	98.4	98.1	98.1	97.4	98.1	97.4	97.4	97.4
≥ 700 ≥ 600	63.2	91.0	94.2	95.5	96.8	98.7	98.7	98.7	98.7	100:0	100.0		100,0	98.7		100.0
≥ 500 ≥ 400	63.2	91.0	94.2	96.1	97.4	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	
≥ 300 ≥ 200	63.2	91.0	94.2	96.1	97.4	100.0	100.0					The second second		100.0		
≥ 100 ≥ 0	63.2	91.0	94.2	96.1	97.4	100.0								100.0		

155 TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MAY

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5703 CEILING VERSUS VISIBILITY JAN 7

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

CEILING							VISI	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.8	42.6	43.9	59.4	44.5	60.7	44.5	44.5	60.7	44.5	60.7	44.5	44.5	44.5	44.5	60.
≥ 18000 ≥ 16000	43.2	56.8	58.7	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.
≥ 14000 ≥ 12000	43.2	56.8	58.7	59.4	60.7	60.7	60.7	60.7	61.3	61.3	60.7	61.3	60.7	60.7	61.3	60.
≥ 10000 ≥ 9000	45.2	59.4	61.9	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63,2	63.2	63.2	63.
≥ 8000 ≥ 7000	46.5	61.3	63.9	64.5	67.1	67.1	65.8	67.1	67.1	67.1	67,1	67.1	65.8	67.1	67.1	67.
≥ 6000 ≥ 5000	47.1	63.2	65.8	66.5	67.7	67.7	67.7	67.7	67.7	68,4	67.7	67.7	67.7	67.7	67.7	67.
≥ 4500 ≥ 4000	48.4	67.1	67.1	70.3	71.6	69.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.
≥ 3500 ≥ 3000	49.0	67.1	71.0	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.
≥ 2500 ≥ 2000	51.0	70.3	72.9	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.
≥ 1800 ≥ 1500	54.2	77.4	80.7	81.9	89.0	83.9	83.9	83.9	83.9	89.7	83.9	83.9	83.9	83.9	83.9	83.
≥ 1200 ≥ 1000	57.4	82.6	90.3	89.7	91.0	91.6	91,6	91.6	91.6	91.6	91,6	91.6	91.6	91.6		91.
≥ 900 ≥ 800	58.1	83.9	91.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94,2	94.2		94.
≥ 700 ≥ 600	58.1 58.1	86.5	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7		98.
≥ 500 ≥ 400	58.1 58.1	87.1	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4				99.4	99.
≥ 300 ≥ 200	58.1 58.1	87.1	94.8	97.4	98.7	99.4	99.4								100.0	
≥ 100 ≥ 0	58.1 58.1	87.1	94.8	97.4	98.7	99.4	99.4			100.0					100.0	

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MAY

1000

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5703

CEILING VERSUS VISIBILITY

JAN 78

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21

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	43.2	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44,5	44.5	44,5	44.5	44.5	44.5
≥ 20000	47.7	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	04.5	64,5	64.5	64,5	64.5	64.5	64.5
≥ 18000	47.7	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	47.7	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	04.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	47.7	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	48.4	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	49.7	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	50.3	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
	51.6	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	48.4	68.4	68.4	68.4	68.4	68.4
≥ 8000 ≥ 7000	52.9	68.4	69.0	69.7	69.7		69.7	49.7	69.7	09.7	49.7	69.7	69.7	69.7	69.7	69.7
	52.9	68.4	69.0	-	69.7			40 7	69.7	69.7	40.7	69.7	69.7	40.7	40.7	69.7
≥ 6000						69.7	69.7	07.1			40. 7		69.7	40 7	19 7	
≥ 5000	52.9	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.1	69.7	07.1	69.7		69.7	0707	69.7
≥ 4500	52.9	68.4	69.0	69.7	69.7	69.7	69.7	94.1	69.7	07.7	04.1	69.7	69.7	09.1	04.1	69.7
≥ 4000	52.9	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	110	71.0	11.0	71.0	11.0	71.0	71.0
≥ 3500	52.9	69.7	70.3	71.0	71,0	71.0	71.0	71.0	71.0	71.0	71,0	71.0	71.0	71.0	71.0	71.0
≥ 3000	52.9	69.7	70.3	71.6	71.6	71.6	71.6	71.6	71.6	11.6	71,6	71.6	71.6	71.6	71.6	71.6
≥ 2500	54.2	71.0	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2000	56.8	73.6	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	56.8	73.6	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	58.7	76.1	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	61.9	81.3	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	64.5	83.9	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	64.5	85.2	87.1	89.0	89.0		89.0	89.0	89.0	89.0	89.0	89.0	39.0	89.0	89.0	89.0
≥ 900 ≥ 800	64.5	86.5	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	65.2	91.0	93.6	96.8	96.8	96.8		96.8	96.8	96.8	96.8	96.8	96.8	94.8	04.0	96.8
≥ 700 ≥ 600	65.2		94.2			98.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99 1	98.1
				98.1	98.1		98.1			99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	65.2	92.3	95.5	77.4	99.4	99.4	99.4	99.4	99.4	99		99	20		77.4	77.4
	65.2	92.3	95.5	99.4	99.4	99.4	99.4	99.4	99.4	7794	99.4	77.4	77.4	99.4	77.4	77.4
≥ 300 ≥ 200	65.2	92.3				100.0							100.0	100.0		
≥ 200	65.2	92.3												100.0		
≥ 100	65.2	92.3														
≥ 100 ≥ 0	65.2	92.3	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	00.0	00.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMO

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

MA

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

0

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.9	39.9	41.1 52.2	41.5	41.7	41.8 53.3	41.9	53.6	42.0	53.6	42.1	53.6	53.6	42.1 53.6	42.1	53.6
≥ 18000 ≥ 16000	40.9	50.9	52.2	52.9	53.2	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6 53.6	53.6	53.0
≥ 14000 ≥ 12000	41.1	51.3	52.6	53.3	53.6	53.7	53.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.
≥ 10000 ≥ 9000	43.4	54.6	56.5	56.8	57.2	57.3	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.
≥ 8000 ≥ 7000	44.8	56.8	58.5	59.2	59.6	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.
≥ 6000 ≥ 5000	45.9	59.0	60.8	61.5	61.9	62.6	62.7	62.3	62.8	62.9	62.3	62.3	62.3	62.3	62.3	62.
≥ 4500 ≥ 4000	46.6	59.8	61.6	62.3	62.7	64.0	64.0	63.1	64.2	63.2	63.2	64.3	64.3	63.2	63.2	64.
≥ 3500 ≥ 3000	47.3	61.3	64.6	64.0	64.4	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.
≥ 2500 ≥ 2000	49.8 52.5	64.5	71.2	67.7	73.0	68.2	68.3	68.5	73.4	73.5	68.6	73.5	73.5	68.6 73.5	68.6	68.
≥ 1800 ≥ 1500	52.6	75.8	71.9	73.3	73.9	74.0	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.
≥ 1200 ≥ 1000	58.4	79.8	83.2	84.8	85.5	86.0	86.1	86.2	86.2	90.0	90.0	90.0	90.0	86.3	86.3	86.
≥ 900 ≥ 800	60.2	84.5	87.1	89.1 91.1	89.9	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.
≥ 700 ≥ 600	61.0	86.7	91.0	93.5	94.4	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.
≥ 500 ≥ 400	61.4	87.6	92.9	95.9	96,9	97.9	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 300 ≥ 200	61.4	87.7	93.2	96.4	97.6	98.6	99.0	99.4	99.7	99,9	100.0	100.0	100.0	100.0	100.0	100.
≥ 100 ≥ 0	61.4	87.7	93.2		97.6	98.6	99.0	99.4	99.7					100.0		

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

2

CORPUS CHRISTI, TEXAS

73-77

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

5703 CEILING VERSUS VISIBILITY

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.3	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3			-
≥ 20000	64.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.
≥ 18000 ≥ 16000	64.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.
≥ 14000 ≥ 12000	66.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.
	67.3	_	76.7	76.7	76.7		-	-		76.7	9, 9	74.7		74 7	74 7	
≥ 10000 ≥ 9000	67.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	74 7	76.7	76.
	70.7	80.0	80.7	80.7	80.7	80.7		80.7	80.7	80.7	80.7	80.7	80.7	50.7	80.7	80.
≥ 8000 ≥ 7000	70.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80
	70.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80
≥ 6000 ≥ 5000	70.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80
-	70.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80
≥ 4500 ≥ 4000	70.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80
	71.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	R1 . 3	81
≥ 3500 ≥ 3000	73.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	82.3	83
	73.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	R3.3	83.3	83.3	83.3	83.3	83
≥ 2500 ≥ 2000	75.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85. 7	85.3	85.3	85.3	85.3	85.3	85
≥ 1800	75.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85
≥ 1500	78.0	88.7	90.0	90.0	90.0		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90
≥ 1200	79.3	90.0	91.3	91.3	91,3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91
≥ 1000	82.0	93.3	94.7	94.7	94.7		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94
≥ 900	82.7	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95. 2	95.3	95.3	95
≥ 800	86.0	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ 700	86.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99
≥ 600	86.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99
≥ 500	86.0		100.0			100.0				100.0		00.0	100.0	100.0	100.0	100
≥ 400	86.0					100.0										
≥ 300	86.0		100.0			100.0										
≥ 200	86.0		T 10 10 10 10 10 10 10 10 10 10 10 10 10			100.0		and the second second second		All Contract of the	and the second second			34		
≥ 100	86.0					100.0										
≥ 100	86.0	40.00	100.0			2								-		

TOTAL NUMBER OF OBSERVATIONS

150

0

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DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	71.3	71.3	68.0	71.3	68.0	71.3	68.0	68.
≥ 18000 ≥ 16000	60.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.
≥ 14000 ≥ 12000	60.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71. 72.
≥ 10000 ≥ 9000	62.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76. 76.
≥ 8000 ≥ 7000	64.7	77.3	78.0	78.0	78.0	78.0	78.0 78.0	78.0	78.0 78.0	78.0	78.0	78.0	78.0	78.0	78.0	78. 78.
≥ 6000 ≥ 5000	64.7	77.3	78.0	78.0	78.7	78.0 78.7	78.0 78.7	78.0	78.0 78.7	78.0	78.0	78.0	78.0	78.0	78.0	78.
≥ 4500 ≥ 4000	65.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.
≥ 3500 ≥ 3000	66.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	80.7	1115-1146-515
≥ 2500 ≥ 2000	66.0	81.3	82.0	82.0	82.0	82.0 82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
≥ 1800 ≥ 1500	66.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	84.0	84.0	82.7		
≥ 1200 ≥ 1000	71.3	92.0	92.7	92.7	92.7	92.7	88.0	88.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.
≥ 900 ≥ 800	75.3	93.3	98.0	98.0	94.0	94.0	94.0	98.0	98.0	98.0	94.0	98.0		94.0	94.0	98.
≥ 700 ≥ 600	78.7 78.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.3	98.7	99.3	98.7	98.7	98.7	98.
≥ 500 ≥ 400	78.7	99.3	100.0		-	100.0	-		100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
≥ 300 ≥ 200	78.7						100.0			100.0			2			100. 100.
≥ 100 ≥ 0	78.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

150

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06

CEILING'							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	45.3	48.0	49.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	42.0	57.3	61.3	62.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000 ≥ 16000	42.0	57.3	61.3	62.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	42.0	57.3	61.3	62.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	43.3	59.3	63.3	64.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000 ≥ 9000	43.3	63.3	70.0	69.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	46.0	67.3	73.3	74.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	46.0	67.3	73.3	74.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000 ≥ 5000	46.7	67.3	73.3	74.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	46.7	68.0	74.0	75.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	46.7	68.0	74.0	75.3	79.3	79.3	79.3	79.3	79.3	79 9 3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	47.3	68.7	74.7	76.0	80.0	80.0	80.0	80.0	80.0	80,0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	47.3	69.3	75.3	76.7	80.7	80.7	80.7	80.7	80.7	80,7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500 ≥ 2000	47.3	70.0	76.0	77.3	82.7	81.3	81.3	82.7	81.3	82.7	82.7	82.7	82.7	82.7	82.7	81.3
≥ 1800	48.0	72.0	78.0	79.3	83.3	83.3	83.3	83.3	83.3	83.3	83,3	83.3	83.3	83.3	83.3	83.3
≥ 1500	50.0	76.d	82.0	84.0	88.0	88.0	88.0	88,0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200 ≥ 1000	52.0	78.7	86.0	89.3	92.0	92.0	92.0	92.0	92.0	94.0	92.0	92.0	94.0	92.0	92.0	92.0
	53.3	80.7	88.7	91.3	96.0	96.0	96.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900 ≥ 800	54.0	82.0	90.0	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	54.7	82.7	91.3	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	54.7	83.3	92.0	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500 ≥ 400	55.3	84.0	92.7	95.3	100.0	78	100.0				100.0		100.0		100.0	
	55.3	84.0	92.7	05.3			100.0								100.0	
≥ 300 ≥ 200	55.3	84.0	92.7	95.3	100.0		100.0									
	55.3	84.0	92.7				100.0									
≥ 100 ≥ 0	55.3	84.0	92.7	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

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0

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.7	41.3	42.0 52.0	42.0	43.3	43.3	43.3	43.3	43.3	43·3 53·3	43.3	43.3	43.3		43.3	43.3
≥ 18000 ≥ 16000	40.7	51.3	52.0	52.0	53.3	53.3 53.3	53.3	53.3	53.3	53,3	53.3	53.3	53.3	53.3 53.3	53.3	53.3
≥ 14000 ≥ 12000	41.3	52.7	53.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000 ≥ 9000	44.0	56.7	57.3 58.7	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000 ≥ 7000	46.0	58.7	59.3	59.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000 ≥ 5000	46.7	59.3	60.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500 ≥ 4000	46.7	59.3	60.0	60.0	61.3	61.3	61.3	62.0	61.3	61.3	61.3	62.0	62.0	61.3	62.0	61.3
≥ 3500 ≥ 3000	47.3	61.3	60.7	62.7	64.0	64.0	64.0	64.0	64.0	62:0	64.0	64.0	64.0		64.0	64.0
≥ 2500 ≥ 2000	49.3 51.3	67.3	69.3	69.3	70.7	7.0.7	70.7	65.3	70.7	70.7	65.3	70.7	70.7	70.7	70.7	70.7
≥ 1800 ≥ 1500	52.0	79.3	70.7	82.0	72.0	72.0	72.0	72.0	72.0	72.0 83.3	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1200 ≥ 1000	65.3	91.3	94.0	92.7	94.0	94.0	94.0	94.0	96.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	66.0	91.3	95.3	95.3	97.3	97.3	97.3	98.0	97.3	98.0	98.0	98.0	97,3	97.3	97.3	97.3
≥ 700 ≥ 600	66.0	92.7	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.0	98.7
≥ 500 ≥ 400	66.0	92.7	96.0	96.7	98.7	98.7	98.7	99.3	99.3	99.3	99,3	99.3	99.3	99.3	99.3	99.3
≥ 300 ≥ 200	66.0	92.7	96.0	96.7	98.7	98.7	98.7	99.3	99.3				100.0	100.0	100.0	100.0
≥ 100 ≥ 0	66.0	92.7	96.0	96.7	98.7	98.7	98.7	99.3	99.3			The same of the sa		100.0	-	

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

150

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 14	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.3	46.0	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	48.7	56.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60,0	60.0	60.0	60.0	60.0	60.0
≥ 18000	49.3	57.3	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	49.3	57.3	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	51.3	60.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63,3	63,3	63.3	63.3	63.3	63.3	63.3
≥ 12000	52.0	60.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	04.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	53.3	62.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	54.0	62.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	56.7	65.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68 9 7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	56.7	66.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	56.7	66.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	56.7	66.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	56.7	66.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69,3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4000	56.7	66.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	57.3	67.3	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3000	58.0	70.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	60.0	72.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	64.7	78.7	82.7	83.3	8-3.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	66.0	81.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	70.0	90.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	9513	96.0	96.0		96.0	96.0	96.0
≥ 1200	70.7	92.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97,3	97.3	97.3	97.3
≥ 1000	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99,3	100.0				100.0	
≥ 900 ≥ 800	72.0	94.7	98.7	99.3	99,3	99.3	99.3	99.3	99.3	99.3	100.0				100.0	
≥ 800	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99,3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	72.0	94.7	98.7	99.3	99,3	99.3	99.3	99.3	99.3	34.3	100.0				100.0	
≥ 500 ≥ 400	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99,3	99.3	100,0	100.0	100.0	100.0	100.0	100.0
≥ 300	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3						100.0	
≥ 300 ≥ 200	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3						100.0	
≥ 100	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3						100.0	
≥ 100 ≥ 0	72.0	94.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET

5703 CEILING VERSUS VISIBILITY JAN

CEILING VERSUS VISIBILITY

12926

2

CORPUS CHRISTI, TEXAS

73-77

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15

0

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.3	51.3	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55,3	55.3	55.3	55.3	55.3	55.3	55.
≥ 18000 ≥ 16000	53.3	60.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000 ≥ 12000	54.7	61.3	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.
≥ 10000 ≥ 9000	60.0	68.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000 ≥ 7000	62.0	70.0	74.0	74.7	74.7	74.7	74,7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.
≥ 6000 ≥ 5000	63.3	71.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.
≥ 4500 ≥ 4000	64.0	72.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76. 76.
≥ 3500 ≥ 3000	64.7	72.7	76.7	77.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.
≥ 2500 ≥ 2000	66.7	76.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.
≥ 1800 ≥ 1500	71.3	83.3	88.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.
≥ 1200 ≥ 1000	75.3	89.3	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
≥ 900 ≥ 800	75.3 75.3	91.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98,7	98.7	98.7	98.7	98.7	98.7	98.
≥ 700	75.3 75.3	91.3	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100,0	100,0	100.0	100.0	100.0	100.0	100.
≥ 600 ≥ 500 ≥ 400	75.3	91.3	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.
≥ 300	75.3	91.3	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100,0	100,0	100.0	100.0	100.0	100.0	100.
≥ 200 ≥ 100 ≥ 0	75.3	91.3	96.7	98.7			100.0	100.0	100.0	100:0	100,0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

JN

3

5703

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.0	52.0	55.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000 ≥ 16000	57.3	64.0	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000 ≥ 12000	57.3 58.7	66.0	67.3	69.3	69.3	69.3	71.3	69.3	69.3	71.3	71.3	71.3	71.3	69.3	71.3	69.3
≥ 10000 ≥ 9000	62.0	69.3 70.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000 ≥ 7000	65.3	72.7	76.0	78.0	78,0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0 79.3	78.0	78.0
≥ 6000 ≥ 5000	67.3	74.7	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500 ≥ 4000	67.3	74.7	78.0	81.3	80.0	81.3	80.0	80.0	80.0	80.0	80.0	80.0	81.3	80.0	80.0	80.0
≥ 3500 ≥ 3000	68.7	76.7	79.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	81.3	81.3	82.0	82.0	81.3	81.3
≥ 2500 ≥ 2000	72.7	84.0	84.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800 ≥ 1500	76.7	84.7	91.3	90.0	90,7	90.7	90.7	90.7	90.7	94.0	94.0	90.7	94.0	90.7	90.7	90.7
≥ 1200 ≥ 1000	81.3	90.7	94.0	96.0	96.7 98.7	96.7	96.7	96.7	98.7	96,7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900 ≥ 800	81.3	92.0	95.3	97.3	98.7	98.7	98.7	98.7	98.7	99,3	98,7	99.3	99.3	98.7	98.7	98.7
≥ 700 ≥ 600	82.0	92.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0		100.0		100.0
≥ 500 ≥ 400	82.0 82.0	92.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	82.0	92.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	82.0	92.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

73-77

YEARS

JUN

MOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	.≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.3 70.0	79.3	80.0	80.0	80.0	80.0	80.0	64.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000 ≥ 16000	70.0	79.3	80.0	80.0	80.0	100	80.0		80.0	80.0	80.0	80.0	80.0	20.00	-	
≥ 14000 ≥ 12000	70.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000 ≥ 9000	72.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.
≥ 8000 ≥ 7000	74.7	84.7	85.3	85.3	85.3		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000 ≥ 5000	75.3 75.3	85.3	86.0	86.0	86.0		86.0	86.0	86.0	86.0	86.0	86.0		86.0	86.0	86.0
≥ 4500 ≥ 4000	75.3	85.3	86.0	86.7			86.0	86.0	86.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500 ≥ 3000	76.0	86.7	86.7	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3
≥ 2500 ≥ 2000	76.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800 ≥ 1500	76.7	88.7	88.7	89.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.
≥ 1200 ≥ 1000	81.3	94.0	94.7	94.7	94,7	94.7	94.7	94.7	94.7	94.7	94,7	94.7	94.7	94.7	94.7	94.
≥ 900 ≥ 800	83.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700 ≥ 600	84.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500 ≥ 400	84.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	84.0										100.0					
≥ 100 ≥ 0	84.0										100.0					

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 75

0

0

0

0

CEILING VERSUS VISIBILITY

12926

2

CORPUS CHRISTI, TEXAS

73-77

JUN

MONTH

0

5763 CEILING VERSUS VISIBILITY JAN 7841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.1	54.0	55.8	56.4	56.9	56.9	56.9	56.9	56.9	56.9	67.1	56.9	56.9	56.9	56.9	56.
≥ 18000 ≥ 16000	54.6	64.1	66.1	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67,3	67.3		67.
≥ 14000 ≥ 12000	55.3	64.9	66.9	67.5	68.1	69.5	68.1	68.1	68.1	69.5	68.1	68.1	68.1	68.1	68.1	68.
≥ 10000 ≥ 9000	58.2	69.1	71.2	-	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	-	72.4	72.
≥ 8000 ≥ 7000	60.8	72.0	74.3	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	-			75.
≥ 6000 ≥ 5000	61.3	72.7	75.0	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76,3	76.3	76.3	76.3	76.3	76.
≥ 4500 ≥ 4000	61.6	72.9	75.3 75.8	75.8	76.5	76.5	76.5 76.5 77.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.
≥ 3500 ≥ 3000	62.3	73.9	76.3	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.
≥ 2500 ≥ 2000	64.0	76.7	79.2	79.8	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.
≥ 1800 ≥ 1500	66.6	80.6	83.3	83.9	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.
≥ 1200 ≥ 1000	72.1	88.9	92.1	92.8	93,6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93,8	93.8		93.
≥ 900 ≥ 800	73.7	91.8	95.2	96.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.
≥ 700 ≥ 600	74.8	93.5	97.0	98.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.
≥ 500 ≥ 400	74.9	94.1	97.6	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99,9	99.9	99.9	99.9	99.9	99.
≥ 300 ≥ 200	74.9	94.1	97.6	98.6	99.7	99.8	99.8	99.8	99.8		100,0	100.0	100.0	100.0	100.0	100.
≥ 100 ≥ 0	74.9	94.1	97.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS

1200

0

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

JUL

88

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
O CEILING ≥ 20000	72.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
<u> </u>	80.0	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5		86.5	86.5	86.5	86.5
≥ 18000 ≥ 16000	80.0	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 14000	80.7	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87,1	87.1	87.1	87.1	87.1	87.1
≥ 12000	81.3	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	82.6	89.0	89.7	89.7	89.7	89.7	99.7	89.7	89.7	89.7	89,7	89.7	89.7	89.7	89.7	89.7
≥ 9000	82.6	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89,7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	85.8	92.3	92.9	92.9	92,9			92.9	92.9	92.9	92.9	92.9	92,9	92.9	92.9	
≥ 7000	86.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94,2	94.2	94.2	94.2
≥ 6000	86.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	86.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	86.5	93.6	94.2	94.2	94,2	94.2		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	86.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500 ≥ 3000	86.5	93.6	94.2	94.2	94.2		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	86.5	93.6	94.2	94.2	94.2	94.2	74.2	94.2	74.6	04.0		94.2	77.6	7402	94.2	94.2
≥ 2500 ≥ 2000	86.5	93.6	94.2	94.2	94.2	94.2	95.5	94.2	94.2	94.2	94.2	95.5	95.5	94.2	94.2	94.2
		94.8								96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800 ≥ 1500	88.4	95.5	96.1	96.1	96,1	96.1	96.1	96.1	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200 ≥ 1000	91.0	98.7	99.4			The second second								100.0		
	91.0													100.0	100.0	
≥ 900 ≥ 800		98.7								100.0						
_ •••	91.0													100.0		
≥ 700	91.0	98.7					100.0							100.0	100.0	
≥ 600	91.0	98.7								100.0		100.0			100.0	
≥ 500	91.0	98.7	99.4				100.0			! .					100.0	
≥ 400	91.0	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0					100.0		
≥ 300	91.0	98.7					100.0							100.0		
≥ 200	91.0	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.0	98.7												100.0		
≥ 100 ≥ 0	91.0	98.7												100.0		

TOTAL NUMBER OF OBSERVATIONS 15

DIRNAVOCEANMET SMOS

125

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
O CEILING	72.9	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78 . 1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 20000	78.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83,9	83.9	83,9	83.9	83.9	83.9
≥ 18000	78.7	83.2	83.9	83.9	83,9	83.9	83.9	83.9		83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	78.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	78.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	78.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	81.3	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	81.9	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	85.8	91.6	92.3	92.3	92,3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92,3	92.3	92.3	92.3
≥ 7000	87.1	92.9	93.6	93.6	93.6		93.6	93.6	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000	87.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93,6	93.6	93.6	93.6
≥ 5000	87.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93,6	93,6	93.6	93.6	93.6	93.6
≥ 4500	87.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	87.7	93.6	94.2	94.2	94,2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2		94.2	94.2
≥ 3500	87.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2		94.2	94.2
≥ 3000	88.4	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	88.4	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94,8	94.8	94.8	94.8	94.8	94.8
≥ 2000	88.4	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95,5	95.5	95,5	95.5	95.5	95.5
≥ 1800	89.0	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	89.7	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8		96.8	
≥ 1200	91.0	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98,1	98.1	98.1	98.1	98.1	98.1
≥ 1000	92.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	92.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	92.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4
≥ 700	92.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	92.9	99.4	100.0			100.0										
≥ 500	92.9	99.4	100.0			100.0										
≥ 400	92.9	99.4	100.0			100.0										
≥ 300	92.9	99.4	100.0			100.0										
≥ 200	92.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9					100.0										
≥ 0	92.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

]2

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CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	65.8	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	57.4	79.4	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82,6	82.6	82.6	82.6
≥ 18000 ≥ 16000	57.4	79.4	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000 ≥ 12000	57.4	79.4	81.9	81.9	82.6	82.6	82.6	82.6	83.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	39.4	63.2	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87,1	87.1	87.1	87.1	87.1	87.1	87.
≥ 9000	60.0	83.9	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87,7	87.7	87.7	87.7	87.7	87.7
≥ 8000 ≥ 7000	61.9	85.8	89.0	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 6000	61.9	86.5	89.7	90.3	91.6	91.6	91.6	91.6	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	61.9	86.5	39.7	90.3	91.6	91.5	91.6	91.6	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500 ≥ 4000	61.9	86.5	89.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	0	91.6	91.6
≥ 3500 ≥ 3000	62.6	87.1	90.3	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3		92.3	92.5
≥ 2500	62.6	87.7	91.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.5
≥ 2000	63.2	88.4	91.6	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800 ≥ 1500	63.2	90.3	91.6	92.3	93.6	93.6	93.6	93.6	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	63.9	91.0	95.5	96.1	98,1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	63.9	91.0	95.5	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98,7	98.7	98.7	98.
≥ 900 ≥ 800	63.9	91.0	95.5	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 700	63.9	91.0	95.5	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 600	64.5	91.6	96.8	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	64.5	91.6	96.8	97.4				100.0				100.0			100.0	100.0
≥ 400	64.5	91.6	96.8	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	64.5	91.6	96.8	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	64.5	91.6	96.8					100.0								
≥ 100 ≥ 0	64.5	91.6	96.8					100.0								

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET

0

0

0

5703 CEILING VERSUS VISIBILITY JAN 7

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.2	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000 ≥ 16000	56.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68,4	68.4	68.4	68.4	68.4	68.4
≥ 14000 ≥ 12000	56.1 58.7	71.6	72.3	69.0	69.0	72.3	72.3	69.0	72.3	72.3	69.0	72.3	72.3	72.3	69.0	69.0
≥ 10000 ≥ 9000	61.3	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000 ≥ 7000	61.9	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77,4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000 ≥ 5000	62.6	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78 · 1 78 · 1	78.1 78.1	78.1
≥ 4500 ≥ 4000	62.6	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78 · 1	78.1	78.1
≥ 3500 ≥ 3000	62.6	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78 - 1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500 ≥ 2000	63.2	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	83.2	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800 ≥ 1500	73.6	81.3	95.5	95.5	95.5	83.9	83.9	83.9	95.5	95.5	95.5	95.5	95.5	95.5	83.9 95.5	83.9
≥ 1200 ≥ 1000	74.8	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900 ≥ 800	76.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99,4	99.4	99.4	100.0	99.4	99.4	99.4
≥ 700 ≥ 600	76.1 76.1	96.1	98.7	99.4	99.4					100.0						
≥ 500 ≥ 400	76.1	96.1	98.7	99.4	99.4		100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	76.1	96.1	98.7	99.4	99.4				-	100.0		Acceptance of the con-	2 .	40		
≥ 100 ≥ 0	76.1	96.1	98.7	99.4	99.4					100.0						

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

0

CEILING VERSUS VISIBILITY

12926 CURPUS CHRISTI, TEXAS

73-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

0

5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.5	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	59.4	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000 ≥ 16000	59.4	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000 ≥ 12000	60.0	70.3	69.7	59.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	71.6	69.7	69.7	69.
≥ 10000 ≥ 9000	65.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.
≥ 8000 ≥ 7000	67.1	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.
≥ 6000 ≥ 5000	67.7	77.4	78.7	78.7	78.7 78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.
≥ 4500 ≥ 4000	69.0	78.7	80.0 80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
≥ 3500 ≥ 3000	69.7	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7		80.7	80.
≥ 2500 ≥ 2000	69.7	80.0		81.9	81.9		81.9	81.9	81.9	81.9	81.9	81.9	81.9	-	81.9	81.
≥ 1800 ≥ 1500	77.4	89.0	91.0		91.0		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.
≥ 1200 ≥ 1000	81.9	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.
≥ 900 ≥ 800	81.9	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.
≥ 700 ≥ 600	81.9	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500 ≥ 400	81.9	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300 ≥ 200	81.9	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100 ≥ 0	81.9	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100:0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

- 18

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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5703 CEILING VERSUS VISIBILITY

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	61.9	61.9	61.9	61.9		61.9	61.9	61.9	61,9	61.9	61.9	61.9	61.9	61.9	61.
≥ 20000	69.0	79.4	80.0	80.0	80.0		80.0	80.0	80.0	80.0	80.0	80.0	80.0		80.0	80.0
≥ 18000 ≥ 16000	69.0	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		80.0	80.0
≥ 14000 ≥ 12000	70.3	80.7	81.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.9	81.
						86.5		86.5	86.5	86.5	86.5	86.5	86.5		86.5	86.
≥ 10000 ≥ 9000	74.2	85.2	86.5	86.5	86.5	87.1	86.5	87.1	87.1	87.1	87.1	87.1	87.1	86.5	87.1	87.
≥ 8000 ≥ 7000	75.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.
	75.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	37.7	87.7	87.7	87.7	87.7	87.7	87.7	87.
≥ 6000 ≥ 5000	76.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.
≥ 4500	76.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4		88.4	88.
≥ 4000 ≥ 3500	76.1	87.7	89.0	89.0	89.0	88.4	89.0	89.0	88.4	59.0	89.0	89.0	89.0	88.4	89.0	89.
≥ 3000	76.8	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.
≥ 2500 ≥ 2000	77.4	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.
≥ 1800	83.2	94.8	95.5	95.5	95.5	95.5	96.1	95.5	96.1	96.1	95.5	96.1	96.1	96.1	95.5	95.
≥ 1500	83.9	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98 . 1	98.1	98.1	98.1	98.1	98.1	98.
≥ 1200	83.9	97.4	98.7	98.7	98.7	98.7	98.7	98,7	98.7	98,7	98,7	98.7	98.7	98.7	98.7	98.
≥ 1000	83.9	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 900 ≥ 800	83.9	98.1	99.4							100.0						0.00.5
≥ 700	83.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.
≥ 600	83.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500	83.9	98.1	99.4							100.0						
≥ 400	83.9	98.1	99.4							100.0						
≥ 300 ≥ 200	83.9	98.1	99.4							100.0						
	83.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100 ≥ 0	83.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

CEILING							VISI	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	61.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.
≥ 20000	69.0	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	61.3	81.3	81.3	81.3	81.3	81.3	81.
≥ 18000	70.3	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.
≥ 16000	70.3	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.
≥ 14000	70.3	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.5	82.6	82.
≥ 12000	72.3	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.
≥ 10000	73.6	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
≥ 9000	74.2	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.
≥ 8000	76.8	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.
≥ 7000	76.8	91.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.
≥ 6000	76.8	91.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.
≥ 5000	77.4	91.6	92.9	93.6	93.6	93.6	93.6	93.6	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.
≥ 4500	77.4	91.6	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93,6	93.6	93.6	93.
≥ 4000	77.4	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.
≥ 3500	78.1	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.
≥ 3000	78.1	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.
≥ 2500	78.7	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95,5	95.5	95.5	95.5	95.5	95.5	95.
≥ 2000	81.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 1800	81.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 1500	81.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.
≥ 1200	81.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 1000	81.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 900	81.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 800	81.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.
≥ 700	81.9	98.1					100.0									
≥ 600	81.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500	81.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500 ≥ 400	81.9	98.1					100.0									
≥ 300	81.9	98.1					100.0									
≥ 300 ≥ 200	81.9	98.1					100.0									
≥ 100	81.9	98.1					100.0									
≥ 100 ≥ 0	81.9	98.1					100.0									

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

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5703 CEILING VERSUS VISIBILITY JAN 7

CEILING VERSUS VISIBILITY

CURPUS CHRISTI, TEXAS

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.3	78.7	79.4	79.4	79.4	79.4		79.4	79.4	79.4	79.4	79.4	79.4	79.4		79.0
≥ 20000	80.7	89.7	90.3	90.3	90.3		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90 . 3
≥ 18000 ≥ 16000	80.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.
≥ 14000 ≥ 12000	80.7	91.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.
	84.5	93.6	94.2	94.2	94.2		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.
≥ 10000 ≥ 9000	85.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	87.1	96.8	97.4	97.4	97,4		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	87.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98,1	98.1	98.1	98.
≥ 6000 ≥ 5000	87.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
	87.1	97.4	98.1	98.1	98.1		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 4500 ≥ 4000	87.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 3500	87.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98 . 1	98,1	98.1	98.1	98.1	98.1	98.
≥ 3000	87.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	93.1	98,1	98.1	98.1	98.1	98.1	98.1	98.
≥ 2500	87.1	97.4	98.1	98.1	98,1		98.1	98.1	98.1	98,1	98.1	98.1	98.1	98.1	98.1	98.
≥ 2000	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98,7	98.7	98.7	98.7	98.7	98.7	98.
≥ 1800 ≥ 1500	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
	88.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
≥ 1200 ≥ 1000	88.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
	88.4	98.7	99.4	99.4	99.4	99.4	90.4	99.4	99.4	99.4	00.4	99.4	99.4	99.4	99.4	99.
≥ 900 ≥ 800	88.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4			99.
	88.4	98.7	99.4	99.4	99.4	99.4	90.4	99.4	99.4	99.4	99.4	99.4	99.4		99.4	99.
≥ 700 ≥ 600	88.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4		99.
	88.4													100.0		
≥ 500 ≥ 400	88.4													100.0		
	88.4													100.0		
≥ 300 ≥ 200	88.4													100.0		
		00 4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100 ≥ 0	88.4	90	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100-0	100.0	00.0	100.0	100.0	100.0	100-
	90.4	77.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10040	-00.0	.0010	-0010	100.0	100.0	1000

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

73-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.5	79.0	80.0	80.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	80.2	67.0		80.2	80.2
≥ 18000 ≥ 16000	69.0	79.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000 ≥ 12000	70.3	79.5	81.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
≥ 10000 ≥ 9000	72.7	84.0	85.2	85.2	85,3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.9	85.
≥ 8000 ≥ 7000	75.2	87.0	89.0	88.5	88,6	88.6	88.6	89.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.
≥ 6000 ≥ 5000	75.7 76.0	87.7	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500 ≥ 4000	76.1	88.2	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 3500 ≥ 3000	76.3	88.6	89.8	90.0	90.7	90.2	90.2	90.2	90.2	90.2	90.7	90.2	90.2	90.2	90.2	90.
≥ 2500 ≥ 2000	76.7	91.6	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800 ≥ 1500	79.4	92.3	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.
≥ 1200 ≥ 1000	82.1	96.6	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.
≥ 900 ≥ 800	82.4	96.9	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.
≥ 700 ≥ 600	82.4	97.0	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99,7	99.7	99,7		99.7	99.
≥ 500 ≥ 400	82.6	97.3	99.1	99.5	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0		100.0	100.0
> 300 > 300	82.6	97.3	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100 ≥ 0	82.6	97.3	99.1	99.5	99.9					100:0						

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

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5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING VERSUS VISIBILITY

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CORPUS CHRISTI, TEXAS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) (FEET) ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 21/2 ≥ 11/2 ≥ 11/4 ≥ 5/16 78 . 1 72.9 78.1 78.1 78.1 NO CEILING 76.1 78.1 78,1 89.0 89.0 89.0 89.0 69.0 88.4 89.0 89.0 89.0 89,0 ≥ 20000 83.2 87.1 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 83.2 89.0 89.0 87.1 ≥ 18000 ≥ 16000 89.0 89.0 89.0 88.4 89.0 89.0 89.0 89.0 83.2 87.1 87.1 88.4 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 ≥ 14000 ≥ 12000 91.0 91.0 91.0 89.0 90.3 91.0 91.0 91.0 91.0 91.0 91.0 91.0 94.2 94.2 94.2 94.2 94.2 94.2 94.8 94.8 94.8 94.2 94.2 94.8 93.6 92.3 94.2 94.8 95.5 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 ≥ 6000 ≥ 5000 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 4500 4000 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 90.3 96.1 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 90.3 96.1 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.6 96.8 96.8 96.8 ≥ 3500 ≥ 3000 96 . 8 90.3 96.8 96.1 96.8 90.3 94.8 96.1 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 ≥ 2500 ≥ 2000 97.4 97.4 97.4 97.4 97.4 97.4 97.4 98.7 98.7 98.7 97.4 97.4 97.4 97 98.7 98.7 98.7 98 96.8 1800 ≥ 92.3 99.4 99.4 99.4 1200 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 92.3 99.4 99.4 99.4 900 99 99.4100.0100.0100.0100.0 99, 99.4100.0100.0100.0100.0 700 600 99.4 99.4 99.4 99.4 99.4100.0100.0100.0100.0 99,4 99.4 99.4100.0100.0100.0100.0 99.4100.0100.0100.0100.0 99.4 99.4 99.4 99.4 99.4100.0100.0100.0100.0 99.4 99.4 99.4 99.4 99.4 99.4100.0100.0100.0100.0 97.4 98.7 99.4 99.4 99.4 99.4 99.4100.0100.0100.0100.0 99.4 99.4 99.4 99.4100.0100.0100.0100.0 99.4

TOTAL NUMBER OF OBSERVATIONS 15

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

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CORPUS CHRISTI, TEXAS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	69.0 76.1	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000 ≥ 16000	76.1	78.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000 ≥ 12000	76.1	78.1	79.4	80.0	80.0	80.0	81.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000 ≥ 9000	80.7	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.2	84.5	84.5	84.5	84.5
≥ 8000 ≥ 7000	82.6	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000 ≥ 5000	83.9	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	8615	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500 ≥ 4000	83.9	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7 87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500 ≥ 3000	85.2	86.5	87.7	88.4	88,4	88.4	88.4	88.4	88.4	88,4	88,4	88.4	88.4	88.4	88.4	88.4
≥ 2500 ≥ 2000	85.2	85.4	90.3	91.0	91,0	89.7 91.0	91.0	91.0	89.7 91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800 ≥ 1500	85.8	94.8	96.8	91.6	91.6	91.6	91.6	91.6	91.6	98,1	98.1	91.6	98.1	91.6	98.1	91.6
≥ 1200 ≥ 1000	90.3	95.5								100.0						
≥ 900 ≥ 800	91.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	91.0 91.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	91.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	91.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	91.0	96.1								100,0						

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

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CORPUS CHRISTI, TEXAS

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HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.4	71.6	73.6	74.2	74.2	74.2	61.3	61.3	74.8	74.8	74.8	74.8	74.8	61.3	74.8	61.3
≥ 18000 ≥ 16000	58.1	72.3	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000 ≥ 12000	58.7	72.9	74.8	75.5	75.5	75,5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000 ≥ 9000	67.1	81.9	83.9	84.5	84.5	84.5	85.8	85.8	85.8	85.8	85,8	85.8	85.8	85.8	85.8	85.8
≥ 8000 ≥ 7000	71.0	85.2	87.1	87.7	87.7	87.7	90.3	89.0	89.0	99.0	89.0	90.3	90.3	89.0	90.3	
≥ 6000 ≥ 5000	71.0	86.5	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.6	90.3	90.3	90.3	0. 4
≥ 4500 ≥ 4000	71.0	87.7	91.0	90.3	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500 ≥ 3000	71.6	90.3	91.0	91.6	91.6	91.6	92.9	92.9	92.9	92.9	94.2	92.9	92.9	92.9	92.9	92.9
≥ 2500 ≥ 2000	73.6	91.0	92.9	93.6	93.6	93.6	94.8	94.8	94.8	96,1	96.1	94.8	94.8	94.8	94.8	94.8
≥ 1800 ≥ 1500	73.6	91.6	94.2	94.8	94.8	94.8	96.1	96.1	96.1	96,1	98.1	98.1	96.1	96.1 98.7	96.1	96.1
≥ 1200 ≥ 1000	74.2	94.2	96.8	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0 100.0	100.0	100.0 100.0
≥ 900 ≥ 800	74.2	94.2	96.8	97.4	98.1	98.1	99.4	99.4	99.4	99,4	99.4	99.4	100.0		100.0	100.0 100.0
≥ 700 ≥ 600	74.2	94.2	96.8	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0		100.0 100.0
≥ 500 ≥ 400	74.2	94.2	96.8	97.4	98.1 98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	100,0	100.0		100.0
≥ 300 ≥ 200	74.2	94.2	96.8	97.4	98.1	98.1	99.4	99.4	99.4	99,4	99.4	99.4	100.0	100.0	100.0	100.0 100.0
≥ 100 ≥ 0	74.2	94.2	96.8	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4			100.0	-	

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

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5703 CEILING VERSUS VISIBILITY

JAN 78

CEILING VERSUS VISIBILITY

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CURPUS CHRISTI, TEXAS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	BILITY (ST.	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.4	43.9	43.9	43.9	45.2	61.9	45.2	45.2	45.2	45.2	45.2	45.2	61.9	45.2	45.2	45.2
≥ 18000 ≥ 16000	51.0 51.0	60.0	60.0	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000 ≥ 12000	51.6	63.2	60.7	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62,6	65.8	62.6	62.6	62.6	62.6
≥ 10000 ≥ 9000	58.1 58.7	70.3	70.3	70.3	72.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000 ≥ 7000	61.9	72.9	72.9	73.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5 76.8	75.5 76.8	75.5 76.8
≥ 6000 ≥ 5000	62.6	74.8	74.8	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500 ≥ 4000	62.6	74.8	74.8	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500 ≥ 3000	63.9	76.1	76.1	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500 ≥ 2000	69.0	78.7	78.7	85.8	81.9	81.9	81.9	81.9	81.9	81,9	81.9	81.9	81.9	81.9	88.4	81.9
≥ 1800 ≥ 1500	76.1	93.6	93.6	87.1 94.8	98.1	98.1	89.7 98.1	89.7 98.1	98.1	98,1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200 ≥ 1000	77.4	95.5	95.5	96.8	100.0		100.0	100.0		100.0	100.0	100,0			100.0	
≥ 900 ≥ 800	77.4	95.5	95.5	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	77.4	95.5	95.5	96.8	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	77.4	95.5	95.5	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	77.4	95.5	95.5	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	77.4	95.5	95.5							100.0						

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING							VISI	BILITY (STA	TUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.2	71.6	72.9	51.0 72.9	52.3	52.3	74.2	52.3	74.2	74,2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000 ≥ 16000	63.9	72.3	73.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000 ≥ 12000	64.5	72.9	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000 ≥ 9000	72.9	83.2	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000 ≥ 7000	76.1 76.1	87.1	89.7	89.7	91,0	91.0	91.0	91.0	91.0	91:0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000 ≥ 5000	76.8	87.7	90.3	90.3	91.6	91.6	91.6	91.6	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500 ≥ 4000	76.8	87.7	90.3	90.3	91.6	91.6	91.6	91.6	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500 ≥ 3000	76.8 76.8	87.7	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91:6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500 ≥ 2000	81.3	92.9	91.0	91.0	92,3	97.4	97.4	92.3	92.3	97.4	97.4	92.3	97.4	97.4	92.3	92.3
≥ 1800 ≥ 1500	81.3	92.9	95.5	95.9	97.4	97.4	97.4	97.4	97.4	100.0	97.4	97.4	100.0	100.0	100.0	97.4
≥ 1200 ≥ 1000	82.6	94.8	98.1	98.1	100.Q	100.0	100.0	100.01	100.0	100:0	100.01	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	82.6	94.8	98.1	98.1	100. Q	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	82.6	94.8	98.1	98.1	100.0	100.0	100.0	100.01	100.0	100.0	100.01	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	82.6	94.8	98.1	98.1	100.Q	100.0	100.0	100.0	100.0	100.0	100.01	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	82.6 82.6	94.8	98.1	98.1	100.Q	100.0	100.0	100.0	100.0	100,01 100,01	100.0	100.0	100,0	100.0	100.0	100. a
≥ 100 ≥ 0	82.6	94.8	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100,0	00.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 10 ≥ 5 ≥ 11/2 ≥ 11/4 ≥ 5/16 54.2 54.2 54.2 54.2 45.8 51.6 53.6 53.6 54.2 54.2 54.2 54.2 54.2 54.2 52.9 78.1 79 . 4 79.4 78.7 78.7 79.4 79.4 79.4 79.4 ≥ 20000 76.1 79.4 79.4 79.4 78.1 78.1 78.7 79.4 79.4 78.7 76.8 79.4 80.0 67.7 79.4 78.7 79.4 80.0 80.0 76.8 ≥ 14000 ≥ 12000 69.0 80.0 91.0 91.0 92.3 92.3 74.2 87.7 75.5 89.0 91.0 95.5 95.5 95.5 94.8 95.5 78.7 92.3 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 95.5 96.1 96.1 96,1 96.1 94.8 96.1 96.1 96.1 97.4 97.4 96.1 95,5 95.5 96.1 96.1 96.1 97.4 97.4 96.1 97.4 97.4 97. 96.1 96.8 97.4 96.1 80.0 94.2 96.1 97.4 97.4 96.8 96.8 ≥ 3500 ≥ 3000 96.8 97.4 97.4 98.1 98.1 96.1 96.1 80.0 94.2 98,1 98.1 98.1 84.8 96.8 96.8 97.4 98.1 98.1 98.1 98.1 98.7 98.1 98.1 98.1 94.8 96.8 98.1 ≥ 1800 ≥ 1500 99.4 99.4 99.4 99.4 99.4 81.9 96.1 98.1 98.1 99.4 99.4 99.4 98.1 81.9 96. 98.1 98.7 98.1 98.1 98. 98.7 99.4 99.4 81.9 96. 99.4 99,4 99.4 99.4 98.7 96. 98.1 98 98.1 96. 96.1 98.1 96. 96.1 98.7 99.4 98.7 96.8

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

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CEILING VERSUS VISIBILITY

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CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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5763 CEILING VERSUS VISIBILITY JAN 7

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							VIS	BILITY (ST.	ATUTE MIL	ES)						
CEILING (FEET)																
(PEEI)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.3	47.1	49.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	72.3	81.3	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85,8	85.8	85.8	85.8	85.8	85.
≥ 18000	72.3	81.3	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85 . 8	85.8	85.8	85.8	85.8	85.8	85.
≥ 16000	72.3	81.3	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.
≥ 14000	72.9	81.9	85.2	85.2		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5		
≥ 12000	75.5	84.5	87.7	87.7	89.0		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 10000	80.0	90.3	03.0			94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.1
≥ 9000	80.7	91.0	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95,5	95,5	95.5	95.5	95.5	95.5	95.
≥ 8000	82.6	93.6	96.8			98.1		98.1	98.1	98.1	98.1	98.1		98.1	98.1	
≥ 7000	83.2	94.2	97.4			98.7	98.7	98.7	98.7	98.7	98.7	98,7	98.7	98.7	98.7	
≥ 6000	83.9	94.8	98.1	98.1		99.4		99.4	99.4	3 4 1		99.4		99.4	99.4	
≥ 5000	83.9	94.8	98.1	98.1	99,4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
≥ 4500	83.9	94.8	98.1			99.4		99.4	99.4			99,4				
≥ 4000	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100,0	100.0	100.0	100.
≥ 3000	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 2000	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 1800	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 • 0	100.0	100.0	100.0	100.0
≥ 1500	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100,0	100,0	100.0	100.0	100.0	100.0	100.0
≥ 1200	63.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 1000	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	10010	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	83.9	95.5	98.7	98.7	100,0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.
≥ 800	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0
≥ 700	83.9	95.5	98.7	98.7	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 600	83.9	95.5	98.7	98.7	100. Q	100.0	100.0	100.0	100.0	100,0	100,0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.9	95.5	98.7	98.7	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.9	95.3	98.7	98.7	100,0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.9	95.5	98.7												100.0	
≥ 100 ≥ 0	83.9	95.5	98.7												100.0	
≥ 0	83.9	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.5	71.0	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.5
≥ 20000	83.2	89.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 18000 ≥ 16000	83.2	89.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 14000 ≥ 12000	83.2	89.7	90.3	91.0	91.6		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.0
		Ser .	-		94.2					94-6		94 0	04 0	0, 0	94 0	94.1
≥ 10000 ≥ 9000	86.5	92.9	93.6	94.8	94.8	94.8	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.
≥ 8000 ≥ 7000	89.0	95.5	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	89.7	96.1	96.8	97.4	98,1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98,1	98.1	98.1	98.
≥ 5000	89.7	96.1	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98 . 1	98.1	98.1	98.1	98.1	98.1	98.
≥ 4500 ≥ 4000	89.7	96.1	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 3500	89.7	96.1	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 3000	89.7	96.1	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 2500 ≥ 2000	89.7	96.1	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 1800	89.7	96.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 1500	89.7	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4		99.4	99.4		99.
≥ 1200 ≥ 1000	89.7	98.1	98.7		100,0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	
	89.7	98.1	98.7								100.0					
≥ 900 ≥ 800	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.9	100.0	100.0	100.0
≥ 700	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0
≥ 600	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.
≥ 400	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	89.7	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

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CEILING VERSUS VISIBILITY

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CEILING							VISI	BILITY (STA	TUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.2	58.7	59.8	78.8	79.4	79.4	61,0	79.6	79.6	79.6	61,0	79.6	61.0		79.6	61.0
≥ 18000 ≥ 16000	69.4	77.1	78.6	79.0	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8 79.8	79.8	79.8
≥ 14000 ≥ 12000	72.1	77.5 80.2	79.0	79.4	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	83.1
≥ 10000 ≥ 9000	76.0	85.1	86.6	87.0	87,7	87.7	88.0	88.0	88.0	88.0	88.0	88.7	88.0	88.0	88.0	88.
≥ 8000 ≥ 7000	78.7 79.2	88.1	90.2	90.1	90,8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.6
≥ 6000 ≥ 5000	79.5	89.0	90.6	91.0	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500 ≥ 4000	79.7 80.0	89.3	90.9	91.3	92.0	92.0	92.3	92.3	92.8	92.3	92.8	92.8	92.3		92.3	92.8
≥ 3500 ≥ 3000	80.1	90.0	91.6	92.0	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500 ≥ 2000	80.6	90.7	94.3	92.9	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93,9		93.9	93.9
≥ 1800 ≥ 1500	82.0	92.7	94.5	95.0	95.9	95.9	96.1	96.1	96.1	99.0	96.1	96.1	96.1		96.1	96.
≥ 1200 ≥ 1000	84.0	95.9	97.8	98.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900 ≥ 800	84.1	96.0	97.9	98.5	99,5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.8	99.5
≥ 700 ≥ 600	84.1	96.0	97.9	98.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	84.1	96.1	98.0	98.6	99.6	99.6	99.8	99.8	99.8	99,8	99,8	99.8	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	84.1	96.1	98.0	98.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	84.1	96.1	98.0	98.6	99.6	99.6	99.8	99.8	99.8	99.8				100.0		

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

SEP

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5703

CEILING VERSUS VISIBILITY JAN 78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	. ≥ ¾	≥ %	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.3	74.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0	76.
≥ 20000	74.7	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.
≥ 18000 ≥ 16000	74.7	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.
≥ 14000 ≥ 12000	74.7	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	84.0	83.3	84.0	84.0	84.7	84.0	84.
	79.3		88.0	88.7		88.7		88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.
≥ 10000 ≥ 9000	79.3	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.
≥ 8000	80.0	87.3	88.7	89.3	89,3	89.3	89.3	89.3	89.3	89.3	89,3	90.0	90.0	90.0	90.0	90.
≥ 7000	81.3	88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.
≥ 6000 ≥ 5000	82.7	89.3	90.7	91.3	91.3	91.3	91.3	91.3	92.0	91.3	91.3	92.7	92.0	92.0	92.0	92.
≥ 4500	82.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.
≥ 4000	82.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.
≥ 3500 ≥ 3000	82.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.
≥ 2500 ≥ 2000	83.3	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.7	93.3	93.3	93.3	93.3	93.
≥ 1800	84.7	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94,7	94.7	94.7	94.
≥ 1500	86.0	93.3	94.7	95.3	96.0	96.0	96.0	96.0	96.0	A		96.7	96.7	96.7	96.7	96.
≥ 1200 ≥ 1000	86.0	93.3	94.7	95.3	96,0	96.0	96.7	96.0	96.0	96.0	96.0	96.7	97.3	96.7	96.7	96.
≥ 900	86.7	94.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.
≥ 800	86.7	94.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97,3	97,3	98.0	98.0	98.0	98.0	98.
≥ 700 .	88.0	95.3	97.3	98.0	96,7	98.7	98.7	98,7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.
≥ 600	88.0	95.3		98.0	96.7	98.7	98.7	98.7	98.7		98.7		99.3	99.3	99.3	99.
≥ 500 ≥ 400	88.0	95.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0			100.0	
≥ 300	88.0	95.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99,3	100.0	100.0	100.0	100.01	100.
≥ 200	88.0	95.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99,3	99.3	100.0	100.0	100.0	100.0	100.
≥ 100 ≥ 0	88.0	95.3	97.3	98.0	99,3	99.3	99.3	99.3	99.3	99.3					100.0	
≥ 0	88.0	95.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	77.3	99.3	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

2

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	69.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.
≥ 18000 ≥ 16000	69.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.
≥ 14000 ≥ 12000	69.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.
≥ 10000 ≥ 9000	73.3	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0
≥ 8000 ≥ 7000	74.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	83.3	84.0	84.
≥ 6000 ≥ 5000	75.3	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.
≥ 4500 ≥ 4000	75.3	82.7	83.3	84.7	84.0	84.7	84.0	84.7	84.0	84.0	84.7	84.0	84.0	84.0	84.0	84.
≥ 3500 ≥ 3000	76.0	83.3	86.0	84.7	84.7	84.7	86.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.
≥ 2500 ≥ 2000	77.3	86.0	86.7	87.3	87.3	90.7	87.3	87.3	87.3	90.7	87.3	90.7	90.7	90.7	90.7	88.
≥ 1800 ≥ 1500	79.3	91.3	92.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.
≥ 1200 ≥ 1000	82.7	92.7	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.0
≥ 900 ≥ 800	84.0	94.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	98.0	97.3	97.3	97.3	97.3	97.3	98.
≥ 700 ≥ 600	84.0	95.3	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.0	98.
≥ 500 ≥ 400	84.7	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98,7	98.7	98,7	98.7		99.
≥ 300 ≥ 200	84.7	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99,3	99.3	99.3	99.3	99.3	99.3	100 • (
≥ 100 ≥ 0	84.7	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99,3	99.3	99.3	99.3	99.3	99.3	

150 TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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5703 CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

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HOURS (LST.)

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	24	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	60.7	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.
≥ 20000	61.3	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.
≥ 18000	61.3	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.
≥ 16000	61.3	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.
≥ 14000	62.0	70.0	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.
≥ 12000	63.3	71.3	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.
≥ 10000	67.3	77.3	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.
≥ 9000	67.3	77.3	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.
≥ 8000	69.3	80.0	81.3	82.7	82.7	82.7	82.7	82.7	82.7	8297	82,7	82.7	82.7	82.7	82.7	82.
≥ 7000	70.0	80.7	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 6000	70.0	80.7	82.0	83.3	83,3	83.3	93.3	83.3	83,3	83.3	83,3	83.3	83.3	83.3	83.3	83.
≥ 5000	70.0	80.7	82.0	83.3	83.3	83.	4.3	83.3	83.3	83,3	83.3	83.3	83.3	83.3	83.3	83.
≥ 4500	70.0	80.7	82.0	83.3	83.3	83. 4	63.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 4000	70.0	81.3	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.
≥ 3500	70.0	81.3	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.
≥ 3000	70.7	82.0	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.
≥ 2500	71.3	82.7	84.0	85.3	85.3	85.3	85.3	85.3	85.3	65.3	85,3	85.3	85.3	85.3	85.3	85.
≥ 2000	71.3	82.7	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 1800	71.3	82.7	84.0	85.3	85.3	85.3	85.3	85.3	85.3	65.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 1500	72.7	84.0	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.
≥ 1200	73.3	86.0	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89,3	89.3	89.3	89.3	89.3	89.3	89.
≥ 1000	76.0	90.0	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.
≥ 900	76.0	90.0	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.
≥ 800	76.0	91.3	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.
≥ 700	76.0	91.3	93.3	95.3	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.
≥ 600	76.0	91.3	93.3	95.3	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.
≥ 500	76.7	92.0	94.0	96.0	97.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 400	76.7	92.0	94.0	96.0	97.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 300	76.7	92.0	94.7	96.7	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.
≥ 200	76.7	92.0	94.7	96.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100	76.7	92.0	94.7	96.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0		100.0		-
≥ 0	76.7	92.0	94.7	96.7	98.7	98.7				100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							A12	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.7	50.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53,3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	47.3	58.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	47.3	58.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61,3	61.3	61.3	61.3
≥ 16000	47.3	58.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61,3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	48.0	58.7	61.3	61.3	62,0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	48.0	60.0	62.7	62.7	63.3	63.3	63.3	63.3	63.3	03.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	52.0	66.7	69.3	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.
≥ 9000	52.7	67.3	70.0	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	54.0	69.3	72.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	55.3	71.3	74.7	74.7	76.7	76.7	76.7	76.7	76.7	76,7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	55.3	71.3	74.7	74.7	76.7	76.7	76.7	76.7	76.7	75.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	55.3	72.0	75.3	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	55.3	72.0	75.3	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	55.3	72.0	75.3	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	55.3	72.0	75.3	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78,0	78.0	78.0	78.0
≥ 3000	56.7	74.0	77.3	78.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	58.7	76.0	79.3	80.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	60.7	79.3	83.3	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	60.7	79.3	83.3	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	56.7	86.7	86.7	86.7
≥ 1500	65.3	84.0	88.0	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	68.7	87.3	92.0	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	68.7	87.3	92.0	92.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	69.3	88.0	92.7	93.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	69.3	88.0	92.7	93.3	96.0	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	69.3	88.7	93.3	94.0	96.7	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700 ≥ 600	69.3	89.3	94.0	94.7	97.3	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	69.3	89.3	94.0	94.7	97.3	98.7	98.7	98.7	98.7	99.3	99,3	99.3	99.3	99.3	99.3	99.1
≥ 500 ≥ 400	69.3	89.3	94.0	94.7	97.3	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	70.0	90.0	94.7	95.3	98.0	99.3	99.3	99.3	99.3	100 · d	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	70.0	90.0	94.7	95.3	98.0	99.3	99.3	99.3	99.3	100 · a	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.0	90.0	94.7	95.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	70.0	90.0	94.7	95.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

150 TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000 ≥ 16000	55.3	65.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3	64.7
≥ 14000 ≥ 12000	56.0	69.3	69.3	65.3	65.3	65.3	65.3	69.3	65.3	65.3	65.3	69.3	65,3	65.3	65.3	65.3
≥ 10000 ≥ 9000	62.7	74.0	74.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3 75.3	75.3	75.3
≥ 8000 ≥ 7000	62.7	75.3	76.0	76.0	77,3	77.3	77.3	77.3	77.3	77.3	77,3	77.3	77.3	77.3	77.3	77.3
≥ 6000 ≥ 5000	64.0	76.7	77.3	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500 ≥ 4000	64.7	77.3	78.0	76.0	80.0	80.0	80.0	80.0	80.7	80.0	80.0	80.0	80.0	80.0		80.0
≥ 3500 ≥ 3000	64.7	78.0	78.7	78.7	80.7	80.7	80.7	80.7 84.0	80.7	80.7	80.7	84.0	84,0	84.0	80.7	80.7
≥ 2500 ≥ 2000	68.7	84.0	84.7	84.7	86.7	86.7	86.7	86.7	86.7	86.7	86,7	86.7	86.7	86.7	86.7	86.7
≥ 1800 ≥ 1500	70.7	86.0	91.3	86.7 92.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	94.7	94.7	94.7	89.3 94.7
≥ 1200 ≥ 1000	75.3 75.3	92.0	94.0	94.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900 ≥ 800	75.3	92.0	94.0	94.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0 98.0	98.0
≥ 700 ≥ 600	76.0	92.7	94.7	95.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7 98.7	98.7	98.7
≥ 500 ≥ 400	76.0	92.7	94.7	95.3	98.7	98.0	98.7	98.7	98.7		-			99.3	-	
≥ 300 ≥ 200	76.0	92.7	95.3	96.0	98.7	98.7	99.3	99,3		100.0		100.0		100.0		100.0
≥ 100 ≥ 0	76.0	92.7	95.3	96.0	98.7	98.7	99.3	99.3						100.0		

150 TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

12926

2

CORPUS CHRISTI, TEXAS

73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.
≥ 20000	62.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74,7	74.7	74.7	74.
≥ 18000 ≥ 16000	62.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.
≥ 14000 ≥ 12000	62.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.
	67.3	78.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
≥ 10000 ≥ 9000	67.3	78.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
≥ 8000	70.0	82.0	84.0	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84,7	84.7	84,7	84.7	84.7	84.
≥ 7000	70.0	82.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85,3	85.3	85.3	85,3	85.3	85.3	85.
≥ 6000 ≥ 5000	70.0	82.7	84.7	84.7	84.7	84.7	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	85.
	70.0	83.3	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.
≥ 4500 ≥ 4000	70.0	83.3	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.
≥ 3500 ≥ 3000	70.0	83.3	86.7	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.
										200	90 7		90.7		90.7	
≥ 2500 ≥ 2000	74.0	87.3	90.0	90.7	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	92.0	90.7	92.0	90.
≥ 1800 ≥ 1500	75.3	88.7	91.3	91.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.
	78.0	94.0	96.7	96.7	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 1200 ≥ 1000	78.0	94.0	96.7	96.7	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.
≥ 900	78.0	94.0	96.7	96.7	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.
≥ 800	78.7	94.7	97.3	97.3	98.7	98.7	99.3	99.3	99.3	99,3	99,3	99.3			100.0	
≥ 700 ≥ 600	78.7	94.7	97.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3		\$60° (1980) (1980)	100.0	
	78.7	94.7	97.3	97.2	98.7	A	99.3	99.3	99.3	99.3	00.3	-	-		100.0	
≥ 500 ≥ 400	78.7	94.7	97.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3				100.0	-
≥ 300	78.7	94.7	97.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99,3			W	100.0	
≥ 200	78.7	94.7	97.3	97.3	98.7	98.7	99,3	99.3	99.3	77,3	99.3				100.0	
≥ 100 ≥ 0	78.7	94.7	97.3	97.3	98.7	98.7	99.3	99.3	99.3	99,3	99.3				100.0	
≥ 0	78.7	94.7	97.3	97.3	98.7	98.7	99.3	99.3	99.3	33.3	99.3	44.3	100.0	100.0	100.0	100.

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

SEP

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5703 CEILING VERSUS VISIBILITY

JAN 7

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	58.7	59.3	59.3	59.3	59.3	60.0	60.0	60.0	00.0	60.0	60.0	60.0		50.0	60.
≥ 20000	66.0	74.7	76.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0		78.0	78.
≥ 18000 ≥ 16000	66.0	74.7	76.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.
≥ 14000 ≥ 12000	66.7	75.3	77.3	77.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.
	68.0	76.7	78.7		-	-	80.0	80.0	88.0	88.0			88.0		88.0	88.
≥ 10000 ≥ 9000	74.7	84.7	86.7	86.7	87.3	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.
≥ 8000 ≥ 7000	75.3	87.3	90.0	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.
≥ 6000	75.3	87.3	90.0	90.0	90,7	90.7	91.3	91.3	91.3	91,3	91,3	91.3	91.3	91.3	91.3	91.
≥ 5000	76.0	88.7	91.3	91.3	92.0	92.0	92.7	92.7	92.7	72.7	92.7	92.7	92.7	92.7	92.7	92
≥ 4500 ≥ 4000	76.0	89.3	91.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92,7	92.7	92.7	92
≥ 3500 ≥ 3000	77.3 78.0	90.0	92.7	92.7	93,3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
	78.0	90.7	93.3	93.3	94.0	94.0	94.7	94.7	94.7	94.9	94.7	94.7	94.7	94.7	94.7	94
≥ 2500 ≥ 2000	79.3	92.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	Control of the Control	96.0	96
≥ 1800 ≥ 1500	79.3	92.0	94.7	94.7	95.3	95,3	96.0	96.0	96.0	96.0	96.0	96.0	96,0		96.0	96
≥ 1200	80.0	93.3	96.0	96.0	97,3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98
≥ 1000	80.7	94.0	97.3	97.3	98.7	98.7	99.3	99.3	99.3	99,3	99.3	Company of the Compan	99.3	99.3	99.3	99.
≥ 900 ≥ 800	81.3	94.7	98.0	98.0	99.3	99.3				100:0				100.0	100.0	
≥ 700 ≥ 600	81.3	94.7	98.0	98.0	99.3	99.3								100.0		
	81.3	94.7	98.0	98.0	99.3	99.3								100.0		
≥ 500 ≥ 400	81.3	94.7	98.0	98.0	99.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Service of the latest	the contract of the contract of the	THE COUNTY OF THE PARTY OF THE				100.0		The state of the state of
≥ 300	81.3	94.7	98.0	98.0	99.3									100.0		
≥ 200	81.3	94.7	98.0	98.0	99.3	99.3	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100
≥ 100	81.3	94.7	98.0	98.0	99.3	99.3	100:0	100.0	100.0	10010	100,0	100.0	100.0	100.0	100.0	100
≥ 100 ≥ 0	81.3	94.7	98.0	98.0	99.3	99.3	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

0

0

5703 CEILING VERSUS VISIBILITY

JAN 7 MI

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CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.3	73.3	74.7	74.7	74,7	74.7	74.7	74.7	74.7	74.7	74,7	74.7	74,7	74.7	74.7	74.
≥ 20000	76.0	83.3	85.3	85.3	85.3		85.3	85.3	85,3	85.3	85,3	85.3	85.3	85.3	85.3	85.
≥ 18000 ≥ 16000	76.0	83.3	85.3	85.3	85.3		85.3	85.3	85.3	85.3	85,3	85.3	85.3	85.3	85.3	85.
	76.0	83.3	85.3	85.3	85.3		85 3	95 2	85 2	85.3	R5 2	85.2	85.2	88.3	85.2	85.
≥ 14000 ≥ 12000	78.0	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.
≥ 12000	The second second second									9773						
≥ 10000	79.3	88.0	90.7	90.7	90.7	90.7	90,7	90.7	90.7	90.7	90.7	90.7	90,7	90.7	90.7	90.
≥ 9000	80.0	88.7	91.3	91.3	91,3	91.3	91.3	91.3	91,3	7193	91,3	91.3	91,3	91.3	91.3	91.
≥ 8000	80.7	89.3	92.0	92.0	92.0	The second second	92.0	92.0	92.0	25.0	92,0	92.0	92.0	92.0	92.0	92.
≥ 7000	81.3	90.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92,7	92.7	92.7	92.
≥ 6000	81.3	90.0	92.7	92.7	92,7	92.7	92.7	92.7	92.7	92.7	92,7	92.7	92.7	92.7	92.7	92.
≥ 5000	81.3	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.
≥ 4500	81.3	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.
≥ 4000	82.0	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.
≥ 3500	83.3	92.7	95.3	95.3	95.3		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.
≥ 3000	83.3	93.3	96.0	96.0	96.0		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
	83.3	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.
≥ ,2500 ≥ 2000	83.3	94.7	97.3	97.3	97.3	97.3	97. 3	97.3	97.3	97.2	97.3	97.3	97. 2	97.3	97.3	97.
	83.3	94.7	97.3	97.3	07 3	07 3	09 3	97.3	97 2	97.9	07.3	97. 3	97.3	97.2	97.3	97.
≥ 1800 ≥ 1500	84.7		98.7		98.7	98.7	7113	98.7	90 7	00.	98.7	00.7	98.7	98.7	98.7	98.
≥ 1500	The second second	96.0		98.7			98.7	-	70.1	70,7		70 . 7				
≥ 1200	84.7	96.0	98.7	98.7	98,7	98,7	98,7	98.7	78.1	70,7	98,7	70.7	98,7	98.7	98.7	98.
≥ 1000	84.7	96.0	98.7	98.7	98.7	98.7	98.7	98.7	78.7	40 . 4	98.7	78.7	98.7	98.7	98.7	98.
≥ 900	84.7	96.7	99.3	99.3	99,3	99.3	99.3	99.3	99.3	99.3	99,3	99.3	99.3	99.3	99.3	99.
≥ 800	84.7	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.
≥ 700	85.3	97.3	100.d	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100,0	100,0	100.0	100.0	100.0	100.
≥ 600	85.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500	85.3	97.3	100.d	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 400	85.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
	85.3	97.3	100.0		And the Control of the Control	100.0			and the street	the second second	100.0		100.0		100.0	
≥ 300 ≥ 200	85.3	97.3				100.0				28 A						
	85.3					100.0										
≥ 100 > 0	85.3					20.00	The second second									-
≥ 0	03.3	7105	100.0	100.0	100.0	100.0	100.0	100.0	100.0	rania	100.0	-00.0	-00.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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5703 CEILING VERSUS VISIBILITY

JAN 7

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.9	72.5	74.0	74.3	64.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.7
≥ 18000 ≥ 16000	64.1	72.5	74.0	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.7
≥ 14000 ≥ 12000	64.4	72.8	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.0
≥ 10000 ≥ 9000	69.4	79.4	81.0	81.3	81.6	81.8	82.0	82.3	82.3	82.0	82.0	82.1	82,1	82.1 82.4	82.1 82.4	82.2
≥ 8000 ≥ 7000	70.8	81.6	83.4	83.8	84.3	84.3	84.4	84.4	84.4	85,3	84.4	85.4	85.4	84.5	84.5	84.6
≥ 6000 ≥ 5000	71.7	82.6	85.0	84.8	85.9	85.3	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7
≥ 4500 ≥ 4000	71.8	83.2	85.1	85.8	86.4	86.5	86.7	86.3	86.3	86,3	86.7	86.3	86.8	86.8	86.8	86.4
≥ 3500 ≥ 3000	72.4	85.2	87.1	87.5	86.7	86.8	86.9	86.9	86.9	88.3	86,9	87.0	87.0	87.0 88.4	88.4	88.5
≥ 2500 ≥ 2000	74.3	86.4	88.3	90.3	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6
≥ 1800 ≥ 1500	75.6	90.4	90.0	90.4	91.2	91.3	91.5	91.5	91.3	91.5	91.5	91.6	94.4	94.4	91.6	91.7
≥ 1200 ≥ 1000	78.6	91.8	94.2	94.8	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 900 ≥ 800	79.5	93.3	95.5	96.1	97.7	97.4	97.7	98.1	98.1	97.7	97.7	97.8	98.3	97.8	97.8	97.9
≥ 700 ≥ 600	79.8	93.8	96.3	96.9	98.3	98.6	98.7	98.8	98.8	99,1	98,8	99.2	99.0	99.3	99.0	99.1
≥ 500 ≥ 400	80.0	94.0	96.6	97.2	98.6	98.8	99,1	99.2	99.2	99,3	99,3	99.4	99.5	99.5	99.5	99.6
≥ 300 ≥ 200	80.1	94.2	96.9	97.5	98.9	99.1	99.4	99.5	99.5	99.7	99,8	99.8	99.8	99.8	-	99.9
≥ 100 ≥ 0	80.1	94.2	96.9	97.5	99.0	99.2	99.5	99.6	99.6	99,8	99.8	99.8	99.9		200	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

0

CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

73-77

DCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NCF

00

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	71.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000 ≥ 16000	71.6	74.8	74.8	74.8	74.8		74.8	74.8	74.8	74.8	74.8	74.8	74.8		74.8	74.8
≥ 14000 ≥ 12000	71.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000 ≥ 9000	72.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000 ≥ 7000	76.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000 ≥ 5000	76.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81,3	81.3	81.3	81.3	81.3	81.3
≥ 4500 ≥ 4000	79.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500 ≥ 3000	80.0	84.5	86.5	84.5	84.5	84.5	84.5	84.5	84.5	86.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500 ≥ 2000	82.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	90.3	87.1	90.3	90.3	87.1	87.1	87.1
≥ 1800 ≥ 1500	84.5	89.7	89.7	89.7	89,7	89.7	90.3		90.3	91.0	91.0	91.0	91.0		91.0	91.0
≥ 1200 ≥ 1000	87.1	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	-	94.2	94.2
≥ 900 ≥ 800	87.7	93.6	93.6	93.6	93.6	93.6	94.2	94.8	94.8	95.5	95,5	95.5	95.5	95.5	95.5	95.5
≥ 700 ≥ 600	89.7	95.5	95.5	96.1	96.8	96.8	97.4	98.1	98.1	98.7	98.7	98.7	98,7	98.7	98.7	98.7
≥ 500 ≥ 400	89.7	95.5	95.5	96.1	97.4	97.4	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300 ≥ 200	89.7	96.1	96.1	96.8	98.1	98.1	98.7	99.4	99.4						100.0	
≥ 100 ≥ 0	89.7	96.1	96.1	96.8	98.1	98.1	98.7	99.4	99.4	100,0	100,0	100.0	100,0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

2

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	64.5	68.4	68.4	69.0	69.0	69.0	69.7	69.7	69.7	72.3	69.7	69.7	69.7	69.7	69.7	69.7
	66.5	71.0	71.0	71.6	71,6	71.6	72.3	72.3	72.3	-	72,3	72.3	73 3	72.3	72.3	72.3
≥ 18000 ≥ 16000	66.5	71.0	71.0	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	66.5	71.0	71.0	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	66.5	71.0	/1.0	71.6	71.0	71.6	72.3	72.3	72.3	72.5	72.3	12.3	72.3	72.3	72.5	72.3
≥ 10000 ≥ 9000	66.5	71.6	71.6	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	67.1	72.3	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	68.4	74.2	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000 ≥ 5000	69.7	75.5	75.5	76.1	76,1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	70.3	76.1	76.1	76.8	76.8	76.8	77.4	77.4	77.4	7199	77.4	70 4	70.4	70 4	70.4	77.4
≥ 4500 ≥ 4000	71.0	76.8	76.8	77.4	77.4	77.4	78.1	78.1	78.1	60.0	80.0	80.0	80.0	80.0	78.1	78.1
≥ 3500	72.9	80.0	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	74.8	81.9	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	76.8	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	65,2	85,2	85.2	85.2	85.2	85.2	85.2
≥ 2000	79.4	86.5	86.5	87.1	87.7	87.7	88.4	88.4	88.4	88,4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	79.4	86.5	86.5	87.1	87.7	87.7	88.4	88.4	88.4	88,4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	81.3	88.4	89.0	89.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	81.3	88.4	89.0	89.7	91,0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91,6		91.6	91.6
≥ 1000	83.2	91.0	91.6	92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	-	94.2	94.2
≥ 900	83.2	91.0	91.0	92.3	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8		94.8	94.8
≥ 800	83.9	91.6	92.3	92.9		95.5	96.1	96.1	96.1	96.1	96,1	96.1	96,1	96.1	96.1	96.1
≥ 700	84.5	92.3	92.9	93.6	96,1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97,4		97.4	97.4
≥ 600	85.2	92.9	93.6	94.2	96.8	97.4	98.1	98.1	98.1	48.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	85.2	93.6	94.2	95.5	98,1	98.7	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	85.2	93.6	94.2	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	85.2	94.2	94.8	96.1	98,7	99.4	100.0	100.0	100.0					100.0		
≥ 200	85.2	94.2	94.8	96.1	98.7	99.4		100.0						100.0		
≥ 100	85.2	94.2	94.8	96.1	98.7									100.0		
≥ 0	85.2	94.2	94.8	96.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

0

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

5703 CEILING VERSUS VISIBILITY JAN 78

0

3

CEILING							VISI	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.2	58.7	59.4	60.0	60.7	66.5	60.7	60.7	60.7	60.7	60.7	66.5	60,7	60.7	60.7	60.7
≥ 18000 ≥ 16000	58.7	63.9	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5			66.5
≥ 14000 ≥ 12000	59.4	64.5	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000 ≥ 9000	63.9	69.0	70.3	71.0	71.6	71.6	71.6	71.6	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000 ≥ 7000	66.5	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.
≥ 6000 ≥ 5000	67.7	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500 ≥ 4000	68.4	75.5	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1 78.7	78.1	78.
≥ 3500 ≥ 3000	71.0	76.8	75.1 80.0	78.7	80,0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.9	80.0	80.0	81.5
≥ 2500 ≥ 2000	72.9	81.9	83.9	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.
≥ 1800 ≥ 1500	74.2	82.6	84.5	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
≥ 1200 ≥ 1000	78.1	87.1	89.0	90.3	91,6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.9
≥ 900 ≥ 800	78.7	87.7	91.0	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700 ≥ 600	80.7	89.7	91.6	92.9	94.2	94.8	94.8	95.5	95.5	95,5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500 ≥ 400	80.7	91.0	92.9	94.2	95.5	96.1	96.1	96.8	96.8	96,8	96.8	96.8	96.8	96.8	96.8	96.
≥ 300 ≥ 200	81.3	92.9	94.8	96.1	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4	99.4		100.0
≥ 100 ≥ 0	81.3	92.9	94.8	96.1	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

2

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.7	58.7	61.9	68.4	65.2	69.7	65.2	65.2	65.2	65.2	65.2	65.2	69.7	65.2	65.2	69.7
≥ 18000 ≥ 16000	53.6 53.6	63.2	66.5	68.4	69,7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000 ≥ 12000	53.6	63.2	66.5	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000 ≥ 9000	54.2	64.5	68.4	70.3	71.6	71.6	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000 ≥ 7000	56.1	68.4	72.3	74.2	75,5	75.5	75.5	75.5	75.5	75.5	75,5	75.5	75.5	75.5	75.5	75.5
≥ 6000 ≥ 5000	56.1	69.7	73.6	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500 ≥ 4000	57.4	71.0	74.8	76.8	78.1	78.1	78.1 79.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500 ≥ 3000	58.7	72.9	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500 ≥ 2000	61.9	77.4	81.9	83.9	85,2	85.2	85.2	85.2	85.2	85.8	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800 ≥ 1500	62.6	78.1	92.6	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200 ≥ 1000	65.2	81.3	85.8	87.7	90,3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900 ≥ 800	65.2	81.3	86.5	88.4	91.0	91.6	91.6	91.6	91.6	- 1 -	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700 ≥ 600	65.8	82.6	87.7	90.3	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500 ≥ 400	66.5	83.2	88.4	91.6	94.2	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.8	96.8	97.4	97.4
≥ 300 ≥ 200	66.5	83.2	88.4	92.3	94.8	96.8	97.4	97.4	98.1	98,1	98.1	98.1	98.7	98.7	99.4	99.4
≥ 100 ≥ 0	66.5	83.2	88.4	92.3	94.8	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET

0

5703 CEILING VERSUS VISIBILITY JAN 7

0

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

0

0

5703 CEILING VERSUS VISIBILITY JAN 78

0

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
O CEILING	48.4	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	54.2	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65,2	65.2	65.2	65.2	65.2	65.2
≥ 18000 ≥ 16000	54.2	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65,2	65.2	65.2	65.2	65.2	65.2
≥ 14000 ≥ 12000	54.8	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.
≥ 10000	58.7	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71,0	71.0	71.0	71.0
≥ 9000	58.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	11.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000 ≥ 7000	60.7	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000 ≥ 5000	61.3	74.8	76.1	76.8	76.8	76.B	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	61.9	75.5	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	62.6	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500 ≥ 3000	62.6	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500 ≥ 2000	68.4	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800 ≥ 1500	71.6	85.8	90.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	91.0
≥ 1200 ≥ 1000	74.8	90.3	92.3	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	75.5	91.0	92.9	93.6	94.2	94.2	94.2	95.5	95.5	95,5	95,5	95.5	95,5	95.5	95.5	95.5
≥ 800	75.5	91.0	93.6	94.2	94.8	94.8	94.8	96.1	96.1	96,1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700 > 600	76.1	91.6	94.8	95.5	96.8	96.8	96.8	98.1	98.1	9801	98.1	98.7	98.7	98.1	98.1	98.1
	76.8	92.3		96.1		97.4		99.4	90 4	99.4	90.4	00.4	09.4	00.4	99.4	99.4
≥ 500 ≥ 400	76.8	92.3	95.5	96.1	97.4	98.1	98.1		100.0	100.0		100.0	100.0	100.0		100.0
≥ 300	76.8	92.9	96.1	96.8	98,1	98.1	98.7	100.0	-		100.0			100.0		100.0
≥ 200	76.8	92.9	96.1	96.8	98,1	98.1	98.7		AND DESCRIPTION OF THE PERSON	100.0					100.0	
≥ 100 ≥ 0	76.8	92.9	96.1	96.8	98.1	98.1	98.7			100.0					100.0	

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

73-77

8886

5703 CEILING VERSUS VISIBILITY JAN 78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.2	60.0	60.0	60.0	60,0	60.0	60.0	60.0	60.0	60.0	60,0	60.0	60,0	60.0	60.0	60.
≥ 20000	62.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.
≥ 18000 ≥ 16000	62.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.
≥ 14000 ≥ 12000	63.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
≥ 10000	67.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74,2	74.2	74.2	74.
≥ 9000	67.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.
≥ 8000 ≥ 7000	72.3	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.
	72.3	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.
≥ 6000 ≥ 5000	72.9	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.
≥ 4500	73.6	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	63.2	83,2	83.2	83.2	83.2	83.2	83.
≥ 4000 ≥ 3500	74.8	85.2	85.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	86.5	85.2	85.2	86.5	86.
≥ 3000	75.5	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86,5	86.5	86.5	86.5	86.5	86.5	86.
≥ 2500 ≥ 2000	77.4	87.7	90.3	91.0	91.0	89.0	89.0	89.0	91.0	91.0	89.0	91.0	91.0	91.0	91.0	89.
≥ 1800 ≥ 1500	79.4	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.
≥ 1200	79.4	91.0	91.6	93.6	94,2	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	93.
≥ 1000	79.4	92.3	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.
≥ 900 ≥ 800	79.4	92.9	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.
≥ 700	80.0	94.2	94.8	96.8	97,4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97,4	97.4	97.4	97.
≥ 600	80.0	94.2	94.8	96.8	97.4	97.4	97.4	97.4	97.4	100.0	98.1	70.1	98.1	70.1	98.1	98.
≥ 500 ≥ 400	80.0	94.8	95.5	97.4	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300	80.0	94.8	95.5	97.4	98.1	98.7	99.4	99.4	99.4	100.0	100.0		100.0	100.0	100.0	
≥ 200	80.0	94.8	95,5	97.4	98.1	98.7	99.4	99,4	99.4	100.0	100.0		100.0		100.0	100.
≥ 100 ≥ 0	80.0	94.8	95.5	97.4	98.1	98.7	99.4	99.4	99.4					100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

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808

0

5703 CEILING VERSUS VISIBILITY JAN 7

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.1	65.2	65.2	65.2	65.2	65.8 74.8	65.8	65.8	65.8	74.8	65.8	74.8	65.8		65.8	65.8 74.8
≥ 18000 ≥ 16000	67.1	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5		75.5	75.5
≥ 14000 ≥ 12000	67.1	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5 75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000 ≥ 9000	69.7	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	80.0	79.4		79.4	79.4
≥ 8000 ≥ 7000	71.6	81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	63.9	83.9	83.9	83.9		83.9	83.9
≥ 6000 ≥ 5000	72.3	82.6	83.9	83.9	84.5	85.2	85.2	85.2	85.2	87.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500 ≥ 4000	74.2	85.2	86.5	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500 ≥ 3000	76.1 76.8	88.4	90.3	89.7	90,3	91.0	91.0	91.0	91.0	91.0	91.0	91.6	91.6		91.0	91.6
≥ 2500 ≥ 2000	78.1	90.3	91.6	91.6	92.3	92.9 95.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9		92.9	92.9
≥ 1800 ≥ 1500	80.7	92.9	94.8	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.1	95.5	95.5
≥ 1200 ≥ 1000	81.3	94.2	95.5	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	98.1	96.8	96.8
≥ 900 ≥ 800	82.6	95.5	96.8	96.8	97.4	98.1	98 · 1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700 ≥ 600	82.6	95.5	96.8	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.
≥ 500 ≥ 400	82.6	95.5	96.8	96.8	97.4	98.7	98.7	98.7	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	82.6	95.5	96.8	96.8	97.4	98.7	98.7	98.7	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	82.6	95.5	96.8	96.8	97.4	98.7	98.7	98.7	98.7	98,7	99.4			100.0		

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMO

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CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S.T.)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	24	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.0	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74,2	74.2	74.2		74.2	74.2
≥ 20000	72.9	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78,1	78.1	78.1	78.1
≥ 18000 ≥ 16000	72.9	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78 - 1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000 ≥ 12000	72.9	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78 - 1	78.1	78.1
≥ 10000	74.8	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	75.5	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000 ≥ 7000	77.4	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	78.1	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	04,5	84.5	84.5	84.5	84.5	84.5
≥ 6000 ≥ 5000	79.4	83.9	84.5	84.5	84.5	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	79.4	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	79.4	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500 ≥ 3000	80.7	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	83.9	89.7	90.3	90.3	90.3	90.3	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500 ≥ 2000	86.5	92.3	92.9	92.9	92.9	92.9	90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	86.5	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	88.4	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	88.4	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	9505	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200 ≥ 1000	88.4	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	89.0	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	89.0	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	97,4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700 ≥ 600	89.7	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98 . 1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	90.3	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98,1	98.7	98,7	98.7	98.7	98.7	98.7	98.7
≥ 500 ≥ 400	90.3	96.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99,4	99.4	99.4	William St.
≥ 400	90.3	97.4	98.1	98.7	99,4	99.4	99.4	99.4	99.4		100.0		-			
≥ 300	90.3	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4		100.0					100.0
≥ 200	90.3	97.4	98.1	98.7	99,4	99.4	99.4	99.4	99.4		100,0					100.0
≥ 100 ≥ 0	90.3	97.4	98.1	98.7	99.4	99.4	99.4	99.4		100:0	100.0		AND THE RESERVE OF THE PARTY OF		and in control in cont	The County of County of

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78-

111

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	TUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.3	64.0	70.5	65.0	65.2	65.3	65.4	65.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000 ≥ 16000	63.4	69.8	70.6	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000 ≥ 12000	63.6	70.0	70.8	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.
≥ 10000 ≥ 9000	66.0	73.1	74.0	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.1
≥ 8000 ≥ 7000	68.9	76.8	77.9	78.5	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000 ≥ 5000	59.3	77.9	80.0	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.
≥ 4500 ≥ 4000	70.7	80.4	80.5	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.
≥ 3500 ≥ 3000	71.9	81.3	82.5	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.
≥ 2500 ≥ 2000	75.2	85.0	86.2	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.
≥ 1800 ≥ 1500	77.3	87.2	88.5	89.1	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.
≥ 1200 ≥ 1000	79.4	89.9	91.4	92.3	93.2	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.
≥ 900 ≥ 800	80.2	91.1	92.6	93.5	94.4	94.6	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.
≥ 700 ≥ 600	81.1	92.2	93.9	94.9	96.1	96.5	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.
≥ 500 ≥ 460	81.5	92.8	94.5	95.7	97.1	97.7	98.0	98.3	98.4	98.6	98.7	98.7	98.9	98.9	99.0	99.
≥ 300 ≥ 200	81.5	93.4	95.1	96.4	97.7	98.4	98.8	99.1	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.
≥ 100 ≥ 0	81.5	93.4	95.1	96.4	97.7	98.4	98.8	99.1	99.2	99.4	99.5	99.5	99.8		99.9	100.

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

1240

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

NOV MONTH OO HOURS (L S T)

9889

0.

5703 CEILING VERSUS VISIBILITY JAN 78

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4398

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0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	TUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.0	58.7	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	62.7	60.0	60.0	60.0	60.0
≥ 18000 ≥ 16000	56.0	61.3	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000 ≥ 12000	56.0	61.3	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.3	62.7
≥ 10000 ≥ 9000	58.7 59.3	64.7	64.0	64.7	65.3	65.3	65.3	65.3	65.3	66,0	65.3	66.0	66.0	65.3	65.3	65.3
≥ 8000 ≥ 7000	64.7	70.0	70.0	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71,3	71.3	71.3	71.3
≥ 6000 ≥ 5000	69.3	72.7	72.7	72.7	74.0	74.0	74.0	74.0	74.0	74.0	76.0	74.0	74.0	74.0	74.0	76.0
≥ 4500 ≥ 4000	70.0	75.3	75.3	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76,7	76.7	76.7	76.7
≥ 3500 ≥ 3000	70.7	76.0	76.0	80.0	78.0	78.0	78.0	78.0	78.0	81.3	81,3	81.3	81.3	81.3	81.3	78.0
≥ 2500 ≥ 2000	74.0	79.3	79.3	81.3	81.3	81.3	81.3	81.3	81.3	82.7	82.7	82.7	82.7	81.3	81.3	81.3
≥ 1800 ≥ 1500	74.7	82.0	83.3	81.3	85.3	85.3	85.3	82.7	85.3	82.7	85,3	85.3	82.7	85.3	82.7	82.7
≥ 1200 ≥ 1000	77.3	83.3	84.7	85.3	88.0	88.0	88.0	88.0	88.0	88,0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900 ≥ 800	78.0	86.0	85.3	86.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91,3	91.3	91.3	91.3
≥ 700 ≥ 600	78.0	87.3	91.3	90.0	94.7	94.7	92.7	94.7	94.7	92.7	94.7	94.7	94.7	92.7	94.7	92.7
≥ 500 ≥ 400	78.7	90.0	94.0	93.3	96,0	96.0	96.0	98.0	96.0 98.0	98.0	96,0	98.0	96.0	96.0	96.0	98.0
≥ 300 ≥ 200	78.7	90.0	94.0	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7 98.7	98.7	98.7
≥ 100 ≥ 0	78.7	90.0	94.0	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7		100.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

12926

2

CORPUS CHRISTI, TEXAS

73-77

NOA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

CEILING							VISI	BILITY (ST.	ATUTE MILE	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.3	55.3	56.7	56.7	56,7	56.7	57.3	58.0	58.0	58.0	58.0	58.0	58.7	58.7	58.7	59.3
≥ 18000 ≥ 16000	54.0	58.7	60.0	60.0	60.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	62.0	62.0	62.0	62.7
≥ 14000 ≥ 12000	54.0	58.7	60.0	60.0	60.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	62.0	62.0	62.0	62.7
≥ 10000 ≥ 9000	54.0	58.7	60.0	60.0	60.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	62.0	62.0	62.0	62.7
≥ 8000 ≥ 7000	55.3	60.7	62.0	62.0	62.0	62.0	62.7	63.3	67.3	67.3	67.3	67.3	64.0	64.0	64.0	64.7
≥ 6000 ≥ 5000	59.3	67.3	66.7	66.7	66.7	66.7	67.3	70.0	70.0	70.0	70.0	70.0	68.7	70.7	70.7	71.3
≥ 4500 ≥ 4000	62.7	68.0	70.0	70.0	70.0	70.0	70.7	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7
≥ 3500 ≥ 3000	64.0	69.3	70.7	71.3	71.3	71.3	72.0	72.7	72.7	72.7	72,7	72.7	73.3	73.3	73.3	74.0
≥ 2500 ≥ 2000	65.3	72.7	74.0	74.7	74.7	74.7	75.3	76.7	76.0	76.7	76.7	76.0	76.7	76.7	76.7	77.3
≥ 1800 ≥ 1500	66.0	73.3	74.7	75.3	75,3	75.3	76.0	76.7	76.7	76.7	76.7	76.7	80.0	77.3 80.0	80.0	78.0
≥ 1200 ≥ 1000	68.0	75.3	76.7	77.3	78.0	78.0	79.3	80.0	80.0	81.3	80.0	81.3	82.0	80.7	80.7	81.3
≥ 900 ≥ 800	70.0	78.7	81.3	80.7	81,3	81.3	82.7	83.3	83.3	83,3	83,3	84.7	84,0	84.0	85.3	84.7
≥ 700 ≥ 600	70.7	81.3	83.3	83.3	84.7	84.7	85.3	86.0	86.7	86,7	86.7	86.7	87.3	87.3	87.3	88.0
≥ 500 ≥ 400	71.3	82.7	85.3	86.7	87,3	87.3	90.7	92.0	92.0	92.0	92.0	92.0	90,0	90.0	90.0	93.3
≥ 300 ≥ 200	71.3	82.7	86.7	87.3	90.7	90.7	92.7	94.7	94.7	95,3	95.3	95.3	96.0	96.0	96.0	96.7
≥ 100 ≥ 0	71.3	82.7	86.7	87.3	90.7	90.7	92.7	94.7	94.7	96.0	96.0	96.0	97.3	97.3	97.3	98.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 71

118

0

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

0

5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MILE	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.3	52.7	54.0	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7	56.7	58.0	58.
≥ 20000	46.0	53.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	58.0	58,0	58.0	58,7	58.7	60.0	60.7
≥ 18000 ≥ 16000	46.0	53.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	58.0	58.0	58.0	58.7	58.7 58.7	60.0	60.
≥ 14000 ≥ 12000	46.7	53.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	58.7	58.0	58.0	58.7	58.7	60.7	60.
≥ 10000	47.4	54.7	56.7	58.0	58.7	58.7	58.7	58.7	58.7	59.3	59.3	59.3	60.0	60.0	61.3	62.0
≥ 9000	47.3	54.7	56.7	58.0	58.7	58.7	58.7	58.7	58.7	59.3	59.3	59.3	60.0	60.0	61.3	62.0
≥ 8000 ≥ 7000	51.3	56.0	58.0	59.3	60,0	60.0	60.0	60.0	60.0	63.3	63.3	63.3	64.0	61.3	62.7	63.3
	52.	58.7	62.0	62.0	64.0	64.0	62.7	64.0	62.7	64.7		64.7	65.3	65.3	65.3	66.0
≥ 6000 ≥ 5000	54.	61.3	63.3	64.7	65.3	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.7	66.7	68.0	68.
	54.	62.7	65.3	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.7	68.7	70.0	70.
≥ 4500 ≥ 4000	54.7	62.7	65.3	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.7	68.7	70.0	70.
≥ 3500	55.3	63.3	66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7	69.3	69.3	70.7	71.3
≥ 3000	58.0	56.0	68.7	70.0	70.7	70.7	70.7	70.7	70.7	71.3	71.3	71 9	72.0	72.0	73.3	74.0
≥ 2500 ≥ 2000	58.0	68.7	71.3	70.0	70.7	70.7	70.7	70.7	70.7	74.0	74.0	74.0	74.7	72.0	76.0	74.0
≥ 1800 ≥ 1500	62.0	69.3	72.0	73.3	74.0	74.0	74.0	74.0	74.0	74.7	74.7	74.7	75.3	75.3	76.7	77.
	62.0	74 0	76.7	78.0	78.7	78.7	78.7	78.7	78.7	79.2	79.3	79.3	80.0	80.0	81.3	82.0
≥ 1200 ≥ 1000	65.3	77.	80.0	81.2	82.0	82.7	83.3	83.3	83.3	84.0	84.0	84.0	84.7	84.7	86.0	87.
≥ 900	66.7	78.7	82.0	83.3	84.0	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.7	86.7	88.0	89.
≥ 800	66.7	78.7	82.0	83.3	84.0	84.7	86.0	86.0	86.0	86.7	86.7	86.7	87.3	87.3	88.7	90.0
≥ 700	68.0	82.0	85.3	86.7	87.3	88.0	89.3	89.3	89.3	90.0	90,0	90.0	90.7	90.7	92.0	93.
≥ 700 ≥ 600	68.0	82.0	85.3	86.7	88.0	88.7	90.0	90.0	90.0	90,7	90.7	90.7	91.3	91.3	92.7	94.0
≥ 500	68.0	82.7	86.7	88.0	89.3	90.0	91.3	91.3	91.3	92.0	92.0	92.0	92.7	92.7	94.0	95.3
≥ 500 ≥ 400	68.0	82.7	86.7	88.0	89.3	90.7	92.0	92.0	92.0	92.7	92.7	92.7	93.3	93.3	94.7	96.0
≥ 300 ≥ 200	68.0	82.7	86.7	88.0	89.3	90.7	92.0	92.7	92.7	93.3	93.3	93.3	94.0	94.0	95.3	96.
	68.0	82.7	86.7	88.0	89.3	90.7	92.0	92.7	92.7	93.3	93.3	93.3	94.0	94.7	97.3	98.
≥ 100 ≥ 0	.68.0	82.7	86.7	88.0	89.3	90.7	92.0	92.7	92.7	93.3	93.3	93.3	94.0	94.7	97.3	

150 TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

73-77

0

5703

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.0	48.0	50.0	50.0	50,0	50.0	50.0	50.0	50.0	50.0	50,0	50.0	50.0		50.0	50.
≥ 20000	41.3	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	34.0	54.0	54.0	54.0	54.0	54.0	54.
≥ 18000 ≥ 16000	41.3	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.
≥ 14000 ≥ 12000	42.0	52.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.
≥ 10000 ≥ 9000	42.7	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.
≥ 8000	42.7	57.3	59.3	59.3	59.3	59.3	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.
≥ 7000	48.0	59.3	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.
≥ 6000 ≥ 5000	50.0	60.0	64.0	62.0	63.3	63.3	65.3	63.3	63.3	63.3	63,3	65.3	63.3	63.3	63.3	64.
≥ 4500	50.7	62.7	64.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	69.3	69.3	66.0	69.3	66.
	53.3	66.0	68.7	68.7	69.3	-	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.
≥ 3500 ≥ 3000	54.7	68.7	70.7	70.7	70.0	70.0	70.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.
≥ 2500	54.7	68.7	70.7	70.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.
≥ 2000	55.3	71.3	73.3	73.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.
≥ 1800 ≥ 1500	55.3	71.3	73.3	73.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.
≥ 1200	56.7	74.7	76.7	77.3	79,3	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.
≥ 1000	58.7	76.7	79.3	80.0	82.0	82.7	82.7	82.7	82.7	83,3	83.3	03.3	83.3	83.3	83.3	84.
≥ 900 ≥ 800	59.3	77.3	82.0	80.7	82.7	85.3	83.3	85.3	83.3	86.0	86.0	86.0	86.7	86.7	86.7	87.
≥ 700 ≥ 600	60.7	79.3	82.7	83.3	85.3	87.3	89.3	87.3	87.3	90.0	90.0	90.0	90.7	90.7	88.7	89.
≥ 500	60.7	80.7	84.7	85.3	88.0	90.0	90.0	90.0	90.0	90.7	90.7	90.7	91,3	91.3	91.3	92
≥ 400	60.7	82.0	86.7	87.3	90.7	92.7	92.7	94.0	92.7	94.4	93.3	95.3	96.0	96.0	94.7	95
≥ 300 ≥ 200	60.7	82.0	86.7	87.3	90.7	93.3	94.0	94.0	94.0	96.0	96.7	96.7	98.7	98.7	99.3	100
≥ 100 ≥ 0	60.7	82.0	86.7	87.3	90.7	93.3	94.0	94.0	94.0	96.0	96.7	96.7	98.7	98.7	99.3	100.

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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5703 CEILING VERSUS VISIBILITY

JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.7	46.0	46.7	57.3	46.7 57.3	57.3	46.7 57.3	57.3	57.3	57.3	57.3	57.3	46.7	57.3	46.7 57.3	57.3
≥ 18000 ≥ 16000	48.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3 58.0	57.3	57.3	57.3	57.3	57.3
≥ 14000 ≥ 12000	49.3 50.0	57.3	58.0	58.0	58.0	58.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0 58.7	58.0	58.0
≥ 10000 ≥ 9000	50.7	58.7 58.7	59.3 59.3	59.3	59.3	59.3 59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3 59.3	59.3
≥ 8000 ≥ 7000	52.7	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	65.3	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000 ≥ 5000	55.3	64.0	66.0	69.3	69.3	66.7	66.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	66.7	69.3
≥ 4500 ≥ 4000	58.7	67.3	69.3	70.0	70,0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70,0	70.0	70.0	70.0
≥ 3500 ≥ 3000	61.3	70.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500 ≥ 2000	62.0	70.7	74.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800 ≥ 1500	70.0	74.7	78.7	79.3	80.0	80.0	80.0	80.0	85.3	80.0	80.0	85.3	80.0	80.0	80.0	80.0
≥ 1200 ≥ 1000	70.7	82.0	86.0	88.7	88.0	90.7	88.7	88.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900 ≥ 800	71.3	83.3	87.3	88.7	90.0	90.7	90.7	90.7	91.3	91,3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700 ≥ 600	72.0	84.0	88.0	89.3	90.7	91.3	92.7	92.7	93.3	93.3	94.0	93.3	93.3		93.3	93.3
≥ 500 ≥ 400	72.0	84.7	90.0	90.7	92.7	92.7	94.0	95.3	96.0	98.0	98.0		98.0	98.0	98.0	98.0
≥ 300 ≥ 200	72.0	85.3	90.0	91.3	92.7	94.0	96.7		100.0	100:0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	72.0		90.0	91.3	92.7	94.0	96.7	100 000 000 000		100.0				100		

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.0	57.3	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
≥ 18000 ≥ 16000	63.3	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68,0	68.0	68.0	68.0	68.0	68.0
≥ 14000 ≥ 12000	64.7	69.3	67.3	70.7	68.0	70.7	70.7	68.0	68.0	70.7	68.0	70.7	70.7	70.7	68.0	70.
≥ 10000 ≥ 9000	64.7	69.3	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.
≥ 8000 ≥ 7000	64.7	70.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.
≥ 6000 ≥ 5000	68.7	73.3	75.3	76.0	76,0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.
≥ 4500 ≥ 4000	69.3	76.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.
≥ 3500 ≥ 3000	71.3	78.0	81.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	82.0	82.0	80.7	82.0	80.
≥ 2500 ≥ 2000	74.7	82.7	84.0	84.7	84.7	84.7	84.7	84.7	85.3	86.0	85.3	85.3	85.3	85.3	85.3	85.
≥ 1800 ≥ 1500	75.3	82.7	84.7	85.3	85,3	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	89.3	86.
≥ 1200 ≥ 1000	77.3	88.0	90.0	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.
≥ 900 ≥ 800	77.3	88.0	90.0	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.
≥ 700 ≥ 600	78.0	90.7	92.7	94.7	94.0	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.
≥ 500 ≥ 400	78.0	92.0	94.7	96.0	96.7	96.7	97.3	97.3	98.0	100:0	98.0	98.0	98.0	98.0	98.0	98.
≥ 300 ≥ 200	78.0 78.0	92.0	94.7	96.0	96.7	96.7	98.0	98,7	100.0		100.0		100.0	100.0	100.0	
≥ 100 ≥ 0	78.0	92.0	94.7	96.0	96.7	96.7	98.0	and the same of the same			100.0			10 m		

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING VERSUS VISIBILITY

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CURPUS CHRISTI, TEXAS

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥ 10	. ≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	60.0	61.3	62.0	62,7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.
≥ 20000	59.3	67.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000 ≥ 16000	59.3	67.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000 ≥ 12000	59.3	67.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	60.0	68.0	70.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	60.0	68.0	70.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	60.7	69.3	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73,3	73.3	73.3	73.3	73.3	73.3
≥ 7000	62.7	72.0	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76,7	76.7	76 1	76.7	76.7	76.7	76.7
≥ 6000 ≥ 5000	64.0	72.7	75.3	76.7	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	65.3	74.7	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.1
≥ 4000 ≥ 4000	66.0	75.3	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	66.7	76.7	79.3	80.7	81,3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81,3	81.3	81.3	81.3
≥ 3000	69.3	79.3	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500 ≥ 2000	69.3	80.0	82.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	86.0	84.7	86.0	84.7	84.7	84.7
	70.0	80.7	83.3	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800 ≥ 1500	70.0	81.3	85.3	86.7	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	70.0	84.0	88.0	89.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	70.0	84.7	88.7	90.0	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	70.7	85.3	89.3	90.7	91.3	91.3	92.7	92.7	92.7	92,7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	70.7	86.0	90.0	91.3	92.0	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700 ≥ 600	71.3	86.7	91.3	92.7	93.3	93.3	95.3	95.3	95.3	95,3	95,3	95.3	95.3	95.3	95.3	95.3
	71.3	86.7	91.3	92.7	93.3	93.3	95.3	95.3	95.3	9293	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500 ≥ 400	71.3	86.7	92.0	94.0	95.3	95.3	97.3	98.7	99.3	99,3	99.3	99.3	99.3	99.3	99.3	99.3
	71.3	86.7	92.0	94.0	95.3	95.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300 ≥ 200	71.3	86.7	92.0	94.0	95.3	95.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100 ≥ 0	71.3	86.7	92.0	94.0	95.3	95.3	97.3	98.7	99.3	99.3	99,3	99.3	99,3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

CORPUS CHRISTI, TEXAS

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET).	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
O CEILING ≥ 20000	60.0	63.3	63.3	66.0	64.7	65.3	65.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000 ≥ 16000	61.3	65.3	65.3	66.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000 ≥ 12000	61.3	65.3	65.3	66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	68.0	67.3	67.3	67.3	67.3
≥ 10000 ≥ 9000	62.7	66.7	67.3	68.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000 ≥ 7000	66.0	70.0	70.7	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000 ≥ 5000	69.3	73.3	74.0	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76,7	76.7	76.7
≥ 4500 ≥ 4000	71.3	75.3	76.0	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500 ≥ 3000	74.0	78.0	78.7	79.3	80.7	81.3	81.3	84.0	81.3	84.0	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500 ≥ 2000	76.7	80.7	82.0	82.7	83.3	84.0	84.0	84.7	84.0	64.7	84.7	84.7	84.7	84.7	84.0	84.0
≥ 1800 ≥ 1500	77.3	81.3	85.3	82.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200 ≥ 1000	79.3	85.3	86.7	86.7	88.7	90.0	90.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0	89.3	90.0
≥ 900 ≥ 800	79.3 80.0	86.0	86.7	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700 ≥ 600	80.7	90.0	90.7	91.3	94.7	95.3	95.3	95.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500 ≥ 400	80.7	90.7	92.7	93.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.7
≥ 300 ≥ 200	80.7	91.3	92.7	94.0	98.0	98.7	98.7	99.3	99.3	99.3	99,3	99.3	99.3	99.3	100.0	100.0
≥ 100 ≥ 0	80.7	91.3	92.7	94.0	98.0	Section 11 and	98.7	99.3	99.3	99.3	99.3	99.3	99.3		100.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.7	55.2	56.1	56.5	56,9	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.5	57.8
≥ 20000	53.8	60.2	61.2	61.6	62.0	62.1	62.2	62.3	62.3	62,3	62.3	02.3	62,5	02.5	62.7	62.9
≥ 18000 ≥ 16000	53.8 53.8	60.2	61.2	61.6	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.8	62.9
≥ 14000	53.9	60.3	61.3	61.8	62.2	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.7	62.7	62.8	63.1
≥ 12000	54.6	61.3	62.3	62.8	63.2	63.3	63.3	63.4	63.4	63.5	63.5	63.5	63.7	63.7	63.8	64.1
≥ 10000	55.1	61.8	62.9	63.4	63.8	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.5	64.8
≥ 9000	55.2	61.8	63.0	63.5	63.9	64.0	64.1	64.2	64.2	04.3	64.3	64.3	64.4	64.4	64.6	64.8
≥ 8000	57.3	64.3	65.7	66.2	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66,9	67.1	67.1	67.3	67.5
≥ 7000	59.5	66.8	68.3	68.9	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.3	70.5
≥ 6000	60.3	67.7	69.3	69.8	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.2	71.4
≥ 5000	62.0	69.4	71.0	71.6	72.3	72.3	72.4	72.5	72.5	72.6	72.0	72.6	72.8	72.8	72.9	73.2
≥ 4500	62.8	70.3	71.9	72.6	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.8	73.8	73.9	74.2
≥ 4000	64.1	71.7	73.3	74.1	74.8	74.8	74.9	75.0	75.0	1261	75.1	75.1	75.3	75.3	75.4	75.7
≥ 3500	64.3	72.2	73.8	74.6	75.3	75.3	75,4	75.5	75.5	75.6	75,6	75.6	75.8	75.8	75.9	76.2
≥ 3000	66.3	74.3	76.0	76.8	77.6	77.8	77.8	77.9	77.9	78 . 0	78.0	78.0	78.2	78.2	78.3	78.6
≥ 2500	66.8	75.0	76.8	77.6	78.4	78.6	78.7	78.8	78.8	78.9	78.9	78.9	79.1	79.1	79.3	79.5
≥ 2000	68.1	76.6	78.6	79.3	80.2	80.3	80.5	80.6	80.7	8.00	80,8	80.8	80.9	80.9	81.1	81.3
≥ 1800	68.2	76.7	78.7	79.4	80.3	80.4	80.6	80.7	80.8	80.8	80.8	80.8	81.0	81.0	31.2	81.4
≥ 1500	69.7	79.3	81.5	82.3	83.2	83.4	83.8	83.8	83.9	84.1	84.1	84.1	84.3	84.3	84.4	84.7
≥ 1200	70.2	80.8	83.1	83.9	85.2	85.4	85.8	85.8	86.0	86.2	86.2	86.2	86.3	86.3	86.5	86.8
≥ 1000	70.9	82.0	84.3	85.3	86.5	86.8	87.3	87.3	87.5	87.7	87.7	87.7	87.8	87.8	88.0	88.3
≥ 900	71.5	82.7	85.1	86.2	87.4	87.8	88.2	88.3	88.4	88.6	88.6	88.6	88.8	88.8	88.9	89.3
≥ 800	71.8	83.8	86.3	87.3	88.7	89.0	89.7	89.8	89.9	90.1	90.1	90.1	90.3	90.3	90.5	90.8
> 700	72.4	85.1	87.8	88.8	90.3	90.8	91.5	91.7	91.8	92.0	92.0	92.0	92.3	92.3	92.4	92.8
≥ 700 ≥ 600	72.5	85.6	88.4	89.5	91.1	91.6	92.4	92.6	92.8	92.9	92.9	92.9	93.2	93.2	93.3	93.7
	72.6	86.3	89.7	90.8	92.7	93.2	94.0	94.4	94.7	94.8	94.8	94.8	95.1	95.1	95.3	95.6
≥ 500 ≥ 400	72.0	86.6	90.3	91.5	93.6	94.3	95.3	96.0	96.3	96.5	96.5	96.5	96.8	96.8	97.0	97.1
	72.6	86.6	90.4	91.6	93.9	94.8	96.0	97.0	97.3	97.6	97.7	97.7	97.9	97.9	98.3	98.6
≥ 300 ≥ 200	72.6	86.6	90.4	91.6	93.9	94.8	96.0	97.0	97.3	97.8	97.9	97.9	98.4	98.4	98.8	99.2
	72.6	86.6	90.4	91.6	93.9	94.8	96.0	97.0	97.3	97.8	97.9	97.9	98.4	98.5	99.1	99.5
≥ 100 ≥ 0	72.6	86.6	90.4		93.9	94.8	96.0	97.0	97.3	97.8	97.9	97.9	98.4	96.5	99.1	
	12.00	40.0	7014	91.0	73.7	77.0	70.0	7,00		. 10	.,,,,					

TOTAL NUMBER OF OBSERVATIONS 120

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

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5703 CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

OO HOURS (LST)

CEILING							VISI	BILITY (STA	ATUTE MILE	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.9	56.1	56.8	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.7
≥ 18000 ≥ 16000	57.4	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	63.2
≥ 14000 ≥ 12000	58.1 58.7	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.9
≥ 10000 ≥ 9000	58.7 58.7	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.5
≥ 8000 ≥ 7000	60.7	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.8	67.1	67.1	67.1	67.1	67.1	67.7
≥ 6000 ≥ 5000	62.6	65.8	69.0	67.1	67.1	67.1	67.1	67.1	67.1	70.3	67.7	70.3	70.3	70.3	70.3	71.0
≥ 4500 ≥ 4000	65.2	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 3500 ≥ 3000	67.1	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	74.2
≥ 2500 ≥ 2000	67.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.8
≥ 1800 ≥ 1500	73.6	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.1	76 · 1 80 · 7	76.1	76.1	76.1 80.7	76.8
≥ 1200 ≥ 1000	75.5	80.0	84.5	83.2	83,2	83.2	83.2	83.2	83.2	86,5	83.9	83.9	86.5	83.9	86.5	84.5
≥ 900 ≥ 800	76.8	82.6	85.2	85.8	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.7
≥ 700 ≥ 600	76.8 76.8	84.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	9093	88.4	90.3	90.3	90.3	90.3	91.0
≥ 500 ≥ 400	76.8	85.2	89.0	90.3	91,6	91.6	91.6	91.6	91.0	92.9	92.3	92.9	92.3	92.9	92.9	92.9
≥ 300 ≥ 200	77.4	85.8	89.0	90.3	92.9	92.9	92.9	94.2	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.8
≥ 100 ≥ 0	77.4	86.5	89.7	91.0	92.9	92.9	92.9	94.2	94.2	96.8	96.8	96.8	96.8	96.8	96.8	98.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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5703 CEILING VERSUS VISIBILITY JAN 78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.9	49.7	51.0	51.0	52,3	52.9	52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6		54.8
≥ 20000	47.7	53.6	54.8	54.8	56.1	56.8	56.8	56.8	56.8	56.8	57,4	57.4	57,4	57.4	58.1	58.7
≥ 18000 ≥ 16000	47.7	53.6	54.8	54.8	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	58.1	58.7
≥ 14000 ≥ 12000	48.4	54.2	55.5	55.5	56.8	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.7	59.4
	49.7	56.1	-		58.7		59.4		-	1	00.0	60.0	60.0	00.0	60.7	61.3
≥ 10000 ≥ 9000	51.0 51.0	57.4	58.7	58.7	60.0	60.7	60.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.9	62.6
≥ 8000	54.2	60.7	61.9	61.9	63.2	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	65.2	65.8
≥ 7000	56.1	63.2	64.5	64.5	65.8	66.5	66.5	66.5	66.5	00.5	67.1	07.1	61.1	67.1	67.7	68.4
≥ 6000 ≥ 5000	56.1	63.2	64.5	64.5	67.1	66.5	67.7	67.7	67.7	67.7	67.1	68.4	67.1	68.4	67.7	68.4
	58.7	65.8	67.7	67.7	69.0	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	71.0	71.6
≥ 4500 ≥ 4000	59.4	67.1	69.0	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	72.3	72.9
≥ 3500	59.4	67.1	69.0	69.7	71.0	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72,3	72.3	72.9	73.6
≥ 3000	61.3	69.0	11.0	71.6	72.9	73.6	73.6	73.6	73.6	73.6	14.6	14.2	14.2	14.2	14.0	75.5
≥ 2500 ≥ 2000	63.2	70.3	72.3	72.9	74.2	74.8	74.8	77.4	77.4	74.8	75,5	75.5	78.1	78.1	76.1	76.8
≥ 1800	63.2	71.6	73.6	75.5	76.8	77.4	77.4	77.4	77.4	77.4	78,1	78.1	78.1	78.1	78.7	79.4
≥ 1500	65.2	74.2	76.1	78.1	79.4	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.9	82.6
≥ 1200	66.5	76.1	78.1	80.0	81.3	82.6	82.6	82.6	82.0	82,6	83.2	83.2	83.2	83.2	83.9	84.5
≥ 1000	67.1	77.4	79.4	81.3	82.6	83.9	83.9	83.9	83.9		84,5	84.5	84.5	84.5	85.2	85.8
≥ 900 ≥ 800	67.7	78.7	80.7	81.9	83.9	85.2	84.5	84.5	85.2	85.2	85.2	85.8	85.2	85.8	85.8	86.5
	67.7	79.4	81.3	83.2	84.5	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	87.1	87.7
≥ 700 ≥ 600	68.4	80.7	83.2	85.2	86.5	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	89.0	89.7
	69.0	81.9	84.5	87.7	89.0	90.3	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6	92.3	92.9
≥ 500 ≥ 400	69.7	82.6	85.2	88.4	89.7	91.0	91.6	91.6	91.0	91.6	92.3	92.3	92.3	92.3	92.9	93.6
≥ 300	69.7	82.6	85.2	88.4	90.3	91.6	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9	93.6	94.2
≥ 200	69.7	83.2	85.8	89.0	91.0	92.3	93.6	93.6	93.6	94.2	94.8	94.8	94.8	94.8	95.5	96.1
≥ 100	69.7	83.2	85.8	89.0	91.0	92.3	93.6	94.2	94.2	94.8	95.5	95.5	95.5	95.5	96.1	97.4
≥ 0	69.7	83.2	85.8	89.0	91.0	92.3	93.6	94.2	74.2	74.8	95.5	73.5	95.5	95.5	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

CEILING VERSUS VISIBILITY

12926

2

CORPUS CHRISTI, TEXAS

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST.)

CEILING							VISI	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.4	45.2	46.5	47.1	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	42.6	48.4	49.7	50.3	51.0	51.0	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000 ≥ 16000	42.6	48.4	49.7	50.3	51.0	51.0	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000 ≥ 12000	43.2	49.0	50.3	51.0	51.6	51.6	51.6	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3
		50.3	51.6	52.3	52.9		52.9	52.9	52.9	-	-				53.6	53.6
≥ 10000 ≥ 9000	45.2	51.6	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	47.1	53.6	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 7000	49.7	56.1	58.1	58.7	59.4	59.4	59.4	59.4	59.4	00.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	50.3	56.8	58.7	59.4	60.0	60.0	60.0	60.0	60.0	00.7	60.7	60.7	60.7	60.7	60.7	60.
≥ 5000	52.3	59.4	61.3	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500	52.9	60.0	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4000	54.2	61.3	63.2	63.9	64,5	64.5	64.5	64.5	64.5	65.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500 ≥ 3000	55.5	62.6	65.2	65.2	65.8	65.8	65.8	65.8	65.8	67.1	66.5	67.1	67.1	66.5	66.5	67.1
	57.4	63.2		65.8	66.5	66.5	66.5	60.5	66.2		67,1			67.1	67.1	-
≥ 2500 ≥ 2000	61.3	69.0	71.0	71.6	67.7	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.5
	61.3	69.7	71.6	72.3	72.9	72.9	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1800 ≥ 1500	62.6	71.6	73.6	74.8	75.5	75.5	75.5	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1200	63.2	72.3	74.2	75.5	76.8	76.8	76.8	76.8	76.8	78 . 1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1000	63.2	74.8	77.4	78.7	80.0	80.0	80.0	80.0	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.5
≥ 900	63.9	75.5	78.7	80.0	81.3	81.3	81.3	81.3	81.3	83.2	83,2	83.2	83.2	83.2	83.2	83.2
≥ 800	64.5	76.8	80.0	81.3	82.6	82.6	82.6	82.5	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 700	65.8	79.4	82.6	83.9	85.2	85.2	85.2	85.2	85,2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600	65.8	79.4	82.6	84.5	85.8	86.5	86.5	86.5	86.5	88.4	88.4	88.4	88,4	88.4	88.4	88.4
≥ 500	66.5	80.0	83.2	85.2	87,1	87.7	87.7	88.4	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 400	66.5	80.0	84.5	86.5	88.4	89.0	89.0	89.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 300	66.5	80.0	84.5	86.5	89,7	90.3	91.0	92.3	92.3	94.2	94.2	94.2	94.2	94.2	94.8	94.6
≥ 200	66.5	80.0	84.5	86.5	89.7	90.3	92.3	93.6	93.6	75,5	95.5	95.5	96.8	96.8	97.4	97.4
≥ 100	66.5	80.0	84.5	86.5	90.3	91.0	92.9	94.2	94.2	96.8	96.8	96.8	98.1	98.1	99.4	99.4
≥ 100 ≥ 0	66.5	80.0	84.5	86.5	90.3	91.0	92.9	94.2	94.2	96.8	96.8	96.8	98.1	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMO

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5763 CEILING VERSUS VISIBILITY JAN 78

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

DEC MONTH

5000

0

5703 CEILING VERSUS VISIBILITY JAN 78

0

8408

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	29.0	36.1	37.4	38.1	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 18000 ≥ 16000	36.1	43.9	45.2	45.8	47.1	47.1	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000 ≥ 12000	38.1	46.5	47.7	48.4	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000 ≥ 9000	41.3	50.3	51.6	52.3	53.6	53.6	54.2	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000 ≥ 7000	46.5	54.8	56.8	57.4	58.7	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000 ≥ 5000	47.1	56.1	59.4	58.7	60.7	60.7	62.6	60.7	60.7	61.3	61,3	61.3	61.3	61.3	61.3	61.3
≥ 4500 ≥ 4000	49.0 52.3	58.7	60.7	61.3	63.9	63.9	67.1	67.1	67.1	67.7	64.5	64.5	67.7	64.5	64.5	64.5
≥ 3500 ≥ 3000	53.6	63.2	65.2	69.0	69.0	69.0	71.6	69.0	69.0	72.3	69.7	72.3	72.3	69.7	69.7	69.7
≥ 2500 ≥ 2000	56.1 58.1	67.7	71.6	69.7	72.9	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800 ≥ 1500	58.7	71.6	72.3	73.6	76.8	76.8	77.4	77.4 82.5	77.4	78 · 1	78.1 83.2	78.1	78.1	78 · 1 83 · 2	78 · 1 83 · 2	78.1
≥ 1200 ≥ 1000	60.0	72.3	76.1	78.1 80.7	81,9	81.9	82.6	83.2	83.2	85.5	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900 ≥ 800	60.7	73.6	80.0	80.7	84.5	87.1	85.2	85.8	85.8	89.0	86.5	86.5	89.0	86.5	89.0	89.0
≥ 700 ≥ 600	60.7	74.8	81.3	83.2	87.7	87.7	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500 ≥ 400	60.7	74.8	81.3	83.9	87.7	91.0	91.0	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300 ≥ 200	60.7	74.8	81.3	83.9	87.7	91.0	92.9	94.2	94.2	95.5	96.8	96.8	96,8	96.8	96.8	96.8
≥ 100 ≥ 0	60.7	74.8	81.3	83.9	87.7	91.0	92.9	94.2	94.2	96.1	97.4	97.4	98.1	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING							VISI	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.4	49.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	49.0	40,0	49.0	49.0	40.0	40.0	49.0
≥ 18000 ≥ 16000	46.5	49.0	49.0	49.0	49.0		49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.
≥ 14000 ≥ 12000	47.1	49.7	51.6	49.7	49.7	49.7	49.7	49.7	49.7	51.6	49.7	49.7	49.7	49.7	-	49.
≥ 10000 ≥ 9000	50.3 51.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	56.1	54.8	54.8		54.8	54.
≥ 8000 ≥ 7000	54.2	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
≥ 6000 ≥ 5000	56.1	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3		61.
≥ 4500 ≥ 4000	58.7	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	67.1	67.1	64.5	64.
≥ 3500 ≥ 3000	63.9	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	74.2	69.7	69.7	69.7		69.7	69.
≥ 2500 ≥ 2000	67.7	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.
≥ 1800 ≥ 1500	69.0	80.7	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.
≥ 1200 ≥ 1000	69.0	83.2	85.8	86.5	87.1	87.7	87.7	87.7	87.7	89.7	88.4	88.4	88.4	88.4	88.4	88.
≥ 900 ≥ 800	70.3	84.5	87.7	88.4	89.0	89.7	89,7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.
≥ 700 ≥ 600	71.0	85.8	88.4	89.7	90.3	91.0	91.0	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.
≥ 500 ≥ 400	71.0	86.5	89.0	90.3	92.3	94.8	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.
≥ 300 ≥ 200	71.0	86.5	89.7	91.0	92.9	95.5	95.5	96.1	96.1	96.8	98.1	98.1	98.7	98.7	98.7	98.
≥ 100 ≥ 0	71.0	86.5	89.7	91.0	92.9	95.5	95.5	96.1	96.1	97.4	98.7	98.7	99.4	99.4	100.0	100.

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

8876

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5703 CEILING VERSUS VISIBILITY

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12926 CURPUS CHRISTI, TEXAS 73=77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	. ≥ ¼	≥ 0
NO CEILING	41.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8		45.8	
≥ 20000	52.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000 ≥ 16000	52.3	58.1	58.1	58.1	58.1	58.1	58,1	58.1	58.1 58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	52.9	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	54.8	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.1	60,7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000 ≥ 9000	56.8	62.6	62.6	63.2	62.6	63.2	62.6	63.2	63.2	62.6	63.2	63.2	63.2	2.2	63.2	63.2
≥ 8000	61.3	67.7	67.7	68.4	68.4	66.4	68 . 4	68.4	68.4	68.4	68.4	68 . 4	68.4	68.4	68.4	68.4
≥ 7000	63.9	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	/1.0	71.0
≥ 6000 ≥ 5000	63.9	70.3	70.3	71.0	71.0	71.0	71.0	72.9	71.0	72.9	71,0	72.9	72.9	71.0	72.9	72.9
	65.8	72.3	72.3	72.9	72.9	72.9	72,9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500 ≥ 4000	55.8	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	67.1	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	69.7	77.4	77.4	78 . 1	78.1	78.1	78.1	78.1	78.1	78 . 1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	72.3	80.7	80.7	81.3	81,3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	75.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85,2	85.2	85.2	85.2	85.2	85.2
≥ 1800	75.5	84.5	84.5	85.2	85,2	85.2	85.2	85.2	85.2	85.5	85,2	85.2	85.2	85.2	85.2	85.2
≥ 1500	76.1	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85,8	85.8	85,8	85.8	85.8	85.8
≥ 1200	78.1	87.1	87.1	87.7	87,7	87.7	87.7	87.7	87.7	8797	87,7	87.7	87.7	87.7	87.7	
≥ 1000	78.7	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	0.460	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	78.7	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0		89.0	89.0
≥ 800	79.4	89.7	90.3	91.0	91.6	91.6	91.6	91.6	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	79.4	89.7	90.3	91.0	91.6	91.6	91.6	91.6	91.0	91.6	92.9	92.3	92.3	92.3	92.3	
≥ 600	80.0	90.3	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3		92.9	92.9	92.9	92.9	92.9
≥ 500 ≥ 400	80.0	90.3	91.0	91.6	92.3	92.9	93.6	94.2	94.2	95.5	96.1	96.1	97.4	96.1	96.1	96.1
	80.0	90.3	91.0	91.6	92.9	92.9	94.2	94.8	96.8	98.7	99.4	99.4			99.4	
≥ 300 ≥ 200	80.0	90.3	91.6	92.3	92.9	93.6	95.5	96.8	96.8			20 2 2		100.0		
	80.0	90.3	91.6	92.3	92.9	93.6	95.5	96.8	96.8					100.0		
≥ 100 ≥ 0				and the same of the same of		93.6		96.8	96.8					100.0		
2 0	80.0	90.3	91.0	92.3	92.9	75.0	95.5	40.8	70.0	2214	100.0	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.9	48.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	58.1	50,3	50.3	50.3	50.3	50.3	50.
≥ 18000 ≥ 16000	47.7	56.1	58.1	58.1	58.1	58 · 1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1 58.1	58.1	58.
≥ 14000 ≥ 12000	50.3	58.7	60.7	63.2	60.7	63.2	63.2	63.2	63.2	60.7	63.2	63.2	60.7	63.2	63.2	60.
≥ 10000 ≥ 9000	53.6	61.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.
≥ 8000 ≥ 7000	58.1	67.1	70.3	69.0	69.0	69.0	69.0	69.0	69.0	71.0	69.0	69.0	69.0	69.0	69.0	69.
≥ 6000 ≥ 5000	60.0	69.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.
≥ 4500 ≥ 4000	60.7	71.0	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.
≥ 3500 ≥ 3000	63.2	74.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.
≥ 2500 ≥ 2000	65.2	77.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
≥ 1800 ≥ 1500	66.5	79.4	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.
≥ 1200 ≥ 1000	69.0	82.6	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.
≥ 900 ≥ 800	69.0	82.6	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5		86.5	86.
≥ 700 ≥ 600	69.7	83.9	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.
≥ 500 ≥ 400	69.7	83.9	87.7	88.4	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.
≥ 300 ≥ 200	69.7	83.9	87.7	88.4	91.6	91.6	91.6	92.3	92.9	94.8	95.5	95.5	96.8	97.4	97.4	97.
≥ 100 ≥ 0	69.7	83.9	87.7	88.4	91.6	-	91.0	92.3	93.0	95.5	96.1	96.1	98.7	99.4	99.4	100.

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

12926

CURPUS CHRISTI, TEXAS

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

0

5703 CEILING VERSUS VISIBILITY JAN 78

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CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.6	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000 ≥ 16000	58.1 58.1	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000 ≥ 12000	58.1	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	66.5
≥ 10000 ≥ 9000	61.9	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000 ≥ 7000	63.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000 ≥ 5000	65.2	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500 ≥ 4000	67.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.5	74.8	74.8	74.8
≥ 3500 ≥ 3000	67.1	76.1	76.1	75.5 76.8	75,5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500 ≥ 2000	71.6	78.7	78.7	79.4	79.4	80.0	80.0	79.4	79.4	60.0	79,4	80.0	80.0	80.0	80.0	80.0
≥ 1800 ≥ 1500	72.3	80.0	80.0	80.7	80.7	80.7	81.9	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200 ≥ 1000	74.8	83.2	83.2	83.9	83.9	83.9	83.9	83.9	85.8	85.8	85.8	83.9	83.9	83.9	85.8	83.9
≥ 900 ≥ 800	75.5	85.2	85.2	86.5	85.8	85.8	85.8	85.8	86.5	86.5	85,8	86.5	86.5	85.8	85.8	85.8
≥ 700 ≥ 600	75.5	85.2 85.8	85.8	86.5	86.5 87.1	87.7	88.4	88.4	88.4	88,4	88.4	88.4	88.4	88.4	88.4	86.5
≥ 500 ≥ 400	76.1 76.8 76.8	88.4	89.0	91.0	91.0	92.3	91.0	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300 ≥ 200 ≥ 100	76.8	88.4	89.0	91.0	91.0	92.3	94.2	95.5	95.5	95.5	97.4	97.4	98.1	98.1	99.4	99.4
≥ 100 ≥ 0	76.8	88.4	89.0	91.0	91.0	92.3	94.2	95.5	95.5	95.5	97.4	97.4	98.1	98.1	99.4	

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

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CEILING VERSUS VISIBILITY

JAN

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.2	47.2	48.0	48.3	48.6	48.7	48.7	48.7	48.7	56.1	49.0	56.1	56.1	49.0 56.1	49.1	56.4
≥ 18000 ≥ 16000	48.6	54.2	55.0	55.3	55.7	55.8	55.8	55.8	55.8	56.1	56.1	56.1	56.1	56.1 56.1	56.2	56.4
≥ 14000 ≥ 12000	49.5	55.2	56.1	56.4	56.8	56.9	56.9 58.6	56.9	56.9	57.1	57.2	57.2	57.2	57.2	57.3	57.
≥ 10000 ≥ 9000	52.3	58.3 58.6	59.3	59.7	60.4	60.5	60.5	60.2	60.2	60.4	60.5	60.5	60.5	60.8	60.6	60.
≥ 8000 ≥ 7000	55.7 57.3	61.9	62.9	63.3	63.7	63.8	63,8	63.8	63.8	66.1	64.1	64.1	64.1	64.1	64.2	64.
≥ 6000 ≥ 5000	57.7 59.0	64.1	65.2	67.6	66.1	66.2	66.2	68.2	66.2	68.5	68.6	66.5	66.5	68.6	66.6	68.
≥ 4500 ≥ 4000	59.8	68.4	69.6	70.1	70.7	70.7	70.7	69.2	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.
≥ 3500 ≥ 3000	63.6	71.2	70.7	71.4	71.9	74.0	72.0	74.0	72.0	74.2	74.3	74.3	74.3	72.3	74.4	72.
≥ 2500 ≥ 2000	66.9	73.2	74.5	75.2	75.9	79.0	76,1	76.1	76.1	79.3	79,4	79.4	79.4	79.4	76.5	76.
≥ 1800 ≥ 1500	68.6	76.0	77.6	78.4	79.1 81.8	79.3 82.0	82.1	79.4	79.4 82.2	82.6	79.7	82.7	82.7	82.7	82.7	79.
≥ 1200 ≥ 1000	70.0	79.6	81.5	84.2	83.6	83.8	83.9	84.0	84.0	86.2	86.3	86.3	86.3	86.3	86.4	86.
≥ 900 ≥ 800	70.6	81.2	84.5	84.6	85.7	86.0	86.1	86.1	87.4	87.9	88.1	88.1	88.1	88.1	86.8	88.
≥ 700 ≥ 600	70.8	82.7 83.2 83.7	85.2 85.8	86.5 87.2 88.2	87.6	87.9 89.3	88.0	88.2	88.2	90.2	90.4	90.4	90.4	90.4 92.8	90.5	90.
≥ 500 ≥ 400	71.5 71.5	84.0	87.1	89.0	90.6	91.8	91.4	93.0	93.0	93.8	94.2	94.2	94.2	94.2	94.3	94.
≥ 300 ≥ 200 ≥ 100	71.5	84.2	87.4	89.1	91.2	92.4	93.6	94.5	94.7	96.1	96.9	96.9	97.7	97.7	98.2	98.
≥ 100 ≥ 0	71.5	84.2	87.4	89.1	91.3	92.5	93.6	94.7	94.8	96.5	97.3	97.3	98.1	98.2	98.8	

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

12926

CORPUS CHRISTI, TEXAS

73-77

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	50.3	51.2	51.6	51.8	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.2	52.2
≥ 20000	51.3	59.3	60.5	60.8	61.2	61.2	61.3	61.3	61.3	01.4	61,4	61.4	61.5	61.5	61.5	61.6
≥ 18000	51.3	59.3	60.5	60.9	61.2	61.3	61.3	61.4	61.4	01.5	61.5	61.5	61.5	61.5	61.6	61.6
≥ 16000	51.4	59.4	60.5	60.9	61.3	61.3	61.4	61.4	61.4	01.5	61.5	61.5	61.5	61.5	61.6	61.7
≥ 14000	51.7	59.7	60.9	61.3	61.6	61.7	61.8	61.8	61.8	61 9	61.9	61.9	61.9	61.9	62.0	62.1
≥ 12000	52.6	60.8	62.1	62.5	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.2	63.2
≥ 10000	54.2	63.1	64.4	64.8	65.3	65.3	65.4	65.4	65.4	65.5	65,5	65.5	65.6	65.6	65.6	65.7
≥ 9000	54.5	63.5	64.8	65.2	65.6	65.7	65.8	65.8	65.0	65 9	65.9	65.9	65.9	65.9	66.0	66.1
≥ 8000	56.2	65.6	67.0	67.5	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68,2	68.2	68.3	68.3
≥ 7000	57.2	67.0	68.5	69.0	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.9
≥ 6000	57.5	67.3	68.8	69.3	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.3
≥ 5000	58.2	68.2	69.8	70.3	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2
≥ 4500	58.5	68.6	70.1	70.6	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6
≥ 4000	59.2	69.5	71.1	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.6
≥ 3500	59.7	70.2	71.8	72.4	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.4
≥ 3000	60.7	71.6	73.3	73.9	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0
≥ 2500	61.8	73.2	75.0	75.6	76.2	76.3	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.8
≥ 2000	63.6	75.7	77.7	78.4	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.6
≥ 1800	63.8	76.1	78.1	78.8	79.4	79.6	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.1
≥ 1500	65.7	79.4	81.7	82.5	83.2	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.0
≥ 1200	66.8	81.2	83.7	84.6	85.5	85.7	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.4
≥ 1000	67.5	62.6	85.3	86.3	87.3	87.6	87.9	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3
≥ 900	67.7	83.0	35.8	86.9	87.9	88.2	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	89.0
≥ 800	68.1	84.0	86.9	88.1	89.3	89.6	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.5
≥ 700	68.4	84.8	88.0	89.3	90,5	90.9	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.7	91.8
≥ 700 ≥ 600	68.7	85.5	88.8	90.2	91.6	92.0	92.4	92.5	92.0	92.7	92.8	92.8	92.9	92.9	92.9	93.0
	68.8	86.1	89.7	91.2	92.8	93.2	93.7	94.0	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.6
≥ 500 ≥ 400	68.9	86.6	90.4	92.1	93.8	94.3	95.0	95.4	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.1
	68.9	86.9	90.7	92.6	94.5	95.1	96.0	96.4	96.5	96.9	97.0	97.1	97.2	97.2	97.3	97.4
≥ 300 ≥ 200	68.9	87.0	90.9	92.8	94.8	95.5	96.4	96.9	97.1	97.6	97.9	97.9	98.3	98.3	98.5	98.6
	68.9	87.0	90.9	92.9	94.9	95.5	96.5	97.1	97.2	97.8	98.2	98.2	98.7	98.7	99.1	99.4
≥ 100 ≥ 0	68.9	87.0	90.9	92.9	94.9	95.5	96.5	97.1	97.2	97.8	98.2	98.2	98.7	98.8	99.2	100.0
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TOTAL NUMBER OF OBSERVATIONS 14608

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SKY COVER

12926 CORPUS CHRISTI, TEXAS

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SKY COVER JAN

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10 1	TENTHS OF SKY COVER	NO. OF OBS.
JAN	00	21.9	1.9	2.6	5.8	3.2	1.9	2.6	2,6	5.8	3.2	48.4	6.4	15
	03	23.9	2.6	2.6	3.2	2.6	3.9	1.3	3.2	3.9		52.9	6.4	15
	06	21:3	3.2	3.2	4.5	3.2	.6	1.3	3,2	2.6	1.3	55.5	6.6	15
	09	10:3	1.9	4.5	1.9	3.2	2.6	1.3	3,2	7:1	7,7	56.1	7.6	15
	12	8.4	2.6	3.2	5.2	5.6	3.2	1.3	7.1	5.2	11.0	47.1	7.3	15
	15	8:4	6.5	1.9	7.1	7.1	3.9	2.6	9.0	5.2	5.8	42.6	6.8	15
	18	12:9	2.6	5.8	3.9	7.1	2.6	5.2	6,5	5.8	7.7	40.0	6.6	15
	21	16.7	2.6	5.8	5.2	5.8	1.3	3.2	5.8	4.5	3.2	43.9	6.2	15
												5		
TOT	TALS	15:7	3.0	3.7	4.6	8.4	2.5	2.4	5.1	5.0	5.0	48.3	6.7	124

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5704 SKY COVER JAN

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12926 CORPUS CHRISTIS TEXAS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	FREQUENC	Y OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
МОМТН	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
FER	00	31.9	5.0	7.8	4:3	3.5	4.3	2.8	2.8	2.8	4,3	30.5	4.7	14
	03	34.8	5.7	6.4	3.5	.7	2.1		4.3	1.4	2.8	38.3	4.9	14
	06	31:2	5.0	4.3	7.8	2.1	.7	2.1	5.0	4.3	4.3	33.3	5.0	14
	09	23.4	6.4	2.8	2.8	1.4	3.5	5.7	2.1	6.4	6.4	39:0	5.9	14
	12	19:1	4.3	5.7	3.5	3.5	2.8	5.0	8.5	7.8	7.8	31:9	6.0	14
	15	18:4	7.8	8.5	5.7	2.8	4.3	2.8	4.3	8.5	7.8	29:1	5.5	14
	18	25.5	5.7	7.1	6.4	3.5	.7	3.5	7.1	5.7	8,5	26.2	5.1	14
	21	31:9	8.5	5.7	4.3	5.7	2.8	4.3	3,5	5.0	5.0	23.4	4.4	14
тот	TALS	27.0	6.1	6.0	4:8	2.9	2.7	3.3	4.7	5.2	5.9	31.5	5.2	112

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12926 CURPUS CHRISTI TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER MEAN TENTHS OF SKY COVER TOTAL NO. OF OBS. HOURS (L.S.T.) HTHOM 2

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTHS	OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7.	8	9	10	SKY COVER	OBS.
MAY	00	10:3	1.9	8.4	5.8	5.2	5.2	6.5	4,5	8.4	7.7	36.1	6.5	15
	03	12.9	3.2	5.8	7:7	5.8	7.7	4.5	8.4	9.0	5.2	29.7	6.0	155
	06	8:4	1.9	3.9	4.5	5.8	3.9	2.6	9.0	12.9	13.5	33.5	7.1	15
	09	9:0	2.6	4.5	3.9	5.8	8.4	3.9	7.1	12.3	11.0	31.6	6.7	15
	12	5:8	4.5	5.8	4.5	7.7	5.5	4.5	4,5	12.9	10.3	32.9	6.8	15
	15	6.5	7.1	7.1	8.4	4.5	5.2	5.8	5.2	13.5	12.9	23.9	6.2	15
	18	9.7	7.1	1.9	7.1	5.2	5.4	6.5	10.3	11:6	11.0	21:3	6.1	15
	21	7:1	7.7	3.2	7.1	5.8	7.7	5.8	9.7	9.0	7.1	29.7	6.3	15
101	TALS	8.7	4,5	5.1	6.1	5.7	6.6	5.0	7,3	11:2	9,8	29.8	6.5	1240

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12924	CORPUS CHRISTI, TEXAS	73-77	JUN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HONTH	HOURS				PERCENTAC	SE FREQUENC	CY OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
JUN	00	21.3	6.0	8.7	ĩo:o	8.0	6.7	5.3	11.3	7.3	4.0	11.3	4.4	15
	03	19:3	7.3	8.0	10.7	12.7	8.0	3.3	6.7	6.7	2.7	14.7	4.4	15
	06	4.0	3.3	7.3	10.7	10.7	11.3	8.0	9.3	12.0	11.3	12:0	5.8	15
	09	3.3	1.3	2.7	4:7	10.7	16.0	6.7	17.3	12.0	9,3	16:0	6.4	150
	12	1:3	3.3	3.3	10.7	10.7	14.7	5.3	10.0	14.7	10.7	15.3	6.3	15
	15	7:3	7.3	8.7	11.3	8.0	8.0	7.3	5,3	11.3	12.0	13.3	5.4	15
	18	10:7	8.0	6.7	9.3	9.3	9.3	5.3	11.3	9.3	12.0	8.7	5.1	150
	21	16:0	7.3	8.0	10:0	12:7	9.3	7.3	5,3	6.7	4.7	12.7	4.5	15
тот	ALS	10:4	5.5	4.7	9.7	10.4	10.4	6.1	9,6	10:0	8.3	13.0	5,3	120

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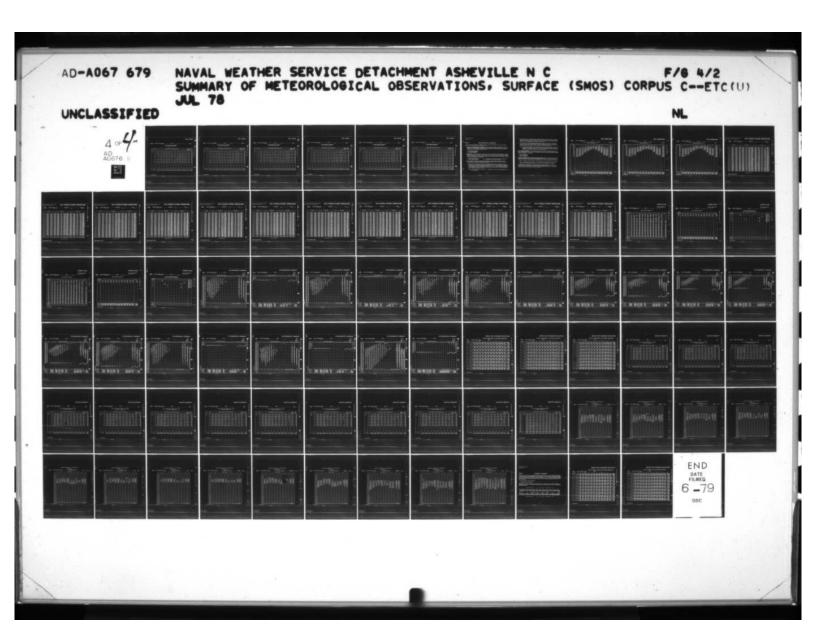
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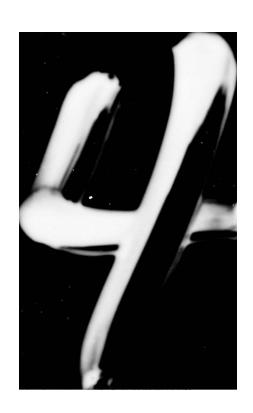
12926 CURPUS CHRISTIS TEXAS 73=77 PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAC	SE FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	. 8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
JUL	00	18.7	12.9	14.8	14:2	4.5	9.7	3.9	2.6	5.8	3.2	9:7	3.7	155
	03	11:0	9.7	16.8	17.4	13.5	5.8	2.6	5.8	3.9	4.5	9:0	4.0	155
	06	2.6	5.8	7.7	13.5	13.5	10.3	8.4	9.7	12.3	1.9	14.2	5.4	155
	09	:6	.6	3.2	12.3	11.6	19.4	4.5	11.6	15.5	5,8	14.8	6.2	155
	12	:6	2.6	4.5	14.2	11:0	11.6	10.3	10.3	13.5	7,7	12:9	6.0	15
	15	6.5	4.5	11.0	9.0	13.5	7.7	7.1	7.1	14.8	5,8	12.9	5,4	159
	18	8.4	9.0	8.4	12.3	8.4	7.7	3.2	7.1	11.6	8.4	15,5	5,3	15
	21	16.8	10.3	10.3	10.3	10.3	10.3	5.8	8.4	7:1	1.9	8.4	4.1	155
тот	ALS	8:2	6.9	9.6	12.9	10.9	10.3	5.7	7.0	10.6	4.9	12:2	5.0	1240

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12926 CURPUS CHRISTI, TEXAS 73-77 PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAC	SE FREQUENC	CY OF TENTH	OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
AUG	00	13.5	11.6	13.5	13.5	10.3	10.3	3.9	4.5	5.8	4,5	8.4	4.0	15
	03	13.5	7.1	17.4	12.9	10.3	8.4	3.2	5,8	8.4	4,5	8.4	4.2	15
	06	3.2	3.2	7.1	13.5	11:0	13.5	6.5	9.7	14,2	11.0	7:1	5,6	159
	09	1:9	1.9	3.9	5.2	11.6	12.9	8.4	8.4	20.6	11.0	14:2	6.5	159
	12	:6	2.6	9.0	5.8	9:0	14.8	7.1	10.3	11:0	13,5	16:1	6.3	15
	15	3.9	3.9	5.8	9:0	14.8	9.7	4.5	12.3	12.9	11.0	12:3	5.9	159
	18	7:7	2.6	5.8	5.8	9.7	9.7	6.5	14.6	11,6	11.0	14.8	6.0	155
	21	10:3	5.2	16.8	13.5	9:7	9.7	4.5	9.0	5.2	5,8	10.3	4.5	15
тот	ALS	6.8	4.8	9.9	9.9	10.8	11.1	5.6	9.4	11:2	9.0	11:5	5.4	1240

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STATION CORPUS CHRISTI TEXAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAC	SE FREQUENC	Y OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
SEP	00	20:0	9.3	16.0	12:0	6.0	8.7	2.7	6,0	4:7	3,3	11:3	3.8	15
	03	18:0	9.3	13.3	15.3	6:0	8.0	3.3	3.3	7.3	2.0	14:0	4.1	15
	06	9.3	4.7	5.3	19.3	12:0	6.7	4.0	8,0	9,3	5,3	16:0	5.2	15
	09	8:0	3.3	2.7	10.7	12.7	10.0	4.7	10.7	9:3	9,3	18.7	5.9	15
	12	5:3	5.3	3.3	15:3	10:7	10.0	4.7	6.7	12:7	9.3	16.7	5.8	15
	15	6:7	4.0	9.3	15.3	8:0	13.3	3.3	8.7	10.7	9,3	11.3	5.3	15
	18	12:7	7.3	2.0	11.3	8.0	9.3	6.7	10,0	14:0	3,3	15.3	5.3	15
	21	22.7	6.0	11.3	9:3	12:0	7.3	6.7	4.0	6.7	2.0	12:0	4.0	15
TOT	ALS	12:8	6.2	7:0	13.6	9:4	9.2	4.4	7.2	9.3	5.5	14:4	4.9	120

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12926 CORPUS CHRISTI, TEXAS 73=77 PERIOD STATION RAME PORTON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAC	SE FREQUEN	CY OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7		9	10	TENTHS OF SKY COVER	NO. OF OBS.
DCT	00	31.6	7.1	10.3	7.7	7:7	5.2	3.2	4.5	5.2	2.6	14.8	3.7	15
	03	31:0	6.5	9:0	11:0	5.2	4.5	2.6	3.9	8.4	1.3	16.8	3.9	15
	06	18:7	6.5	13.5	9.0	5.8	5.2	2.6	7.7	5.2	1.9	21:9	4.7	15
	09	10:3	8.4	9.0	11:0	9:0	10.3	3.2	3,9	7:1	7.1	20.6	5.2	15
-	12	9:0	5.8	5.2	14:2	10.3	7.7	7.7	5,2	9.7	7.7	17:4	5,4	15
	15	8:4	9.7	11.6	9:7	11:0	8.4	1.3	5,8	9:0	6,5	18:1	5.1	15
	18	15:5	8.4	11:0	7.7	10:3	6.5	3.9	7.7	6.5	7.7	14.8	4.7	15
	21	31:0	5.8	9.7	7:1	10:3	8.4	1.9	6,5	3.9	2,6	12.9	3.7	15
тот	ALS	1954	7.3	9.9	9.7	a :a	7.0	3.3	5.7	6:9	4,9	17:2	4.6	124

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12926 CORPUS CHRISTI, TEXAS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
DEC	00	32.9	1.9	5.2	6.5	1.3	4.5	1.3	3.2	4.5	5.8	32.9	5.1	15
	03	29:0	2.6	9.0	5.8	1:9	1.9	4.5	3,2	3.9	5.2	32.9	5.1	159
	06	27.1	2.6	2.6	6.5	2.6	2.6	3.2	6.5	4.5	5.2	36.8	5.7	15
	09	16:1	3.9	3.2	4.5	1.3	4.5	1.9	9.0	5.8	9.7	40:0	6.6	155
	12	16:1	2.6	4.5	6.5	4.5		4.5	4.5	6.5	12.3	37.4	6.5	155
	15	20:6	3.2	5.8	5.2	2.6	4.5	3.2	6.5	7.1.	6,5	34.8	5.9	155
	18	20:0	5.8	5.2	9.7	3.2	3.9	2.6	5,2	3.2	6.5	34.8	5.6	15
	21	31.6	5.8	8.4	1.3	2.6	3.2	2.6	3,2	6.5	3,9	31:0	4.9	159
101	ALS	24:2	3.6	6.5	5:0	2:5	3.2	3.0	5.2	5.3	6.9	35.1	5.7	124

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MEAN TENTHS OF SKY COVER TOTAL NO. OF OBS. PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS (L.S.T.) MONTH 0 1 2 3 10 50.4 1240 MAR APR 29.8 MAY JUN 7.8 1240 JUL 1200 1240 NOV TOTALS

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NWSD, Federal Building Asheville, N. C.

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

b. Extreme minimum temperature

and computations of dry-bulb versus wet-bulb temperature.

- 3. <u>Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.</u>
 This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares $(\sum X^2)$, sums of values $(\sum X)$, means (x), and standard deviations (x). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.
- 6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

				YEARS		5-77	_ (XAS	TI, TE	CHRIS	CORPUS	2926	
MAXIMUN					r occup	NIENCY O		DEDCENI			517		IION	31
HANTHU				ENCE		ERVATION		(FROM I	UMULATIVE	C				
ANNUAL	DEC.	NOV.	ОСТ.	SEP.	AUG.	JUL.	JUN.	MAY	APR.	MAR.	FEB.	JAN.	EMP (°F)	
.0				.4	-1								100	
1.2			,3	2.5	7.1	2.9	.9	.3	.1				95	
16,7	•1		4,1	39.7	61.1	57.4	31.5	3.3	1.1	.3	•1		90	
38,5	.3	4,8	36,7	81,5	95.0	98.1	89.0	43.2	7.6	2.5	.8		85	
54,7	5,4	30.0	73.3	96,8		100.0		86,8	41.8	14.1	4.1	1.3	80	
69,4	24,1	55,1	89.8	99.1	100.0		100.0		80.5	42.0	23.6	16,6	75	
80.4	46.0	73.0	96,6	99,9				99.2	93,5	70.9	45,9	37,4	70	
88.0	66,8	84,3	99.1	100.0				100.0	98.6	85.9	66.5	53.5	65	
92,9	81.4	91.3	99,5						99.7	92.8	80.8	68,9	60	
96.3	89.8	96,3	100.0						100.0		91.3	80.5	55	
98,3	95.7	98,9								99.2	96.5	89,3	50	
99,3	98,7	99,7								99,7	98.9	95,2	45	
99.7	99,6	100,0								100.0		97.8	40	
99,9	100.0										99,9	99,3	35	
100,0											100.0	99.6	30	
100,0												100.0	25	
					-					-				
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				-	-									
78.7	67.3	73.6	82.0	88.0	90.1	45.6	68.1	85.8	40.0		49'3	66 6	MEAN	
11.236	9.038	8.654	3-621	4.204	3.107	89.9	3.013	83.5	78.2	72.3	8 734	10,520	MEAN	
11805	992	989	1021	960	992	1023	760	791	790		00/30	992	S. D.	
11003	772	7,77	1001	. 700	772	1050	*00	441	770	991	904		TAL OBS.	_

DAILY TEMPERATURES

101 12926 CORPUS CHRISTI, TEXAS 45-77 MINIMUM CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) 1969 TEMP (°F) AUG. OCT. NOV. 35.7 47.6 43.0 86.1 96.5 92.9 97.7 99.9 99.7 99.9 100.0 100.0 85 .0 25,2 74,9 92,3 98,5 3,3 26,6 58,0 77,7 티 13,2 36,0 49,8 2 80 2.0 43.6 79.9 93.5 99.2 99.9 3,4 17,1 35,1 56,1 70,9 85,9 5,2 40,7 72,3 87,6 95,7 Temperatures J 2 2.4 14.0 28.3 2 70 6.1 8,1 21,2 35,9 52,3 32.1 57.3 75.1 87.0 62.1 2 10.1 28.7 47.6 65 90.3 97.8 99.5 2 100.0 100.0 60 2 55 44,9 80.9 88.4 93.7 99.6 100.0 66.2 2 50 68.4 E) 94.1 100.0 98.9 2 45 70.8 81.2 100,0 83,6 93.1 84,8 93,9 40 93.7 97.4 2 98,5 99.1 99.8 99.9 99.8 98,3 2 35 99,6 30 2 97,6 99.8 100,0 99,4 100.0 2 25 100.0 100,0 20 2 100.0 100,0 100.0 0 2 2 2 101 2 2 2 0 2 2 2 0 2 2 2 0 ≥ 2 ^ 0 2 2 101 2 90.1 33.3 59.5 67.0 72.9 77.8 79.0 78.6 76.4 69.6 60.1 53.5 10.146 8.848 8.016 5.875 4.509 3.200 2.191 2.385 4.200 6.786 9.215 9.087 992 906 991 989 991 960 1023 992 966 1021 989 992 66,5 0 MEAN 12.327 S. D. 1023 TOTAL OBS. 0 NAVWEASERYCOM

DAILY TEMPERATURES

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CORPUS CHRISTI, TEXAS

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

5721 Daily Temperatures Jan 1969

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TO	OTAL OBS.	992	904	991	949	991	960		792	960	1021	989	992	11804
	S. D.	9.852			5.029			1.909			5.782	8,461	8,527	11.536
2	MEAN	57.3	60.6	66.2	72.9	78.5	83.2	84.7	84.6	82.5	76.1	67.1	60.7	72.9
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≥	20	100.0												100.0
≥	25	99.8	100.0											100.0
≥	30	99.4											100.0	99.9
≥	35	98.3		100.0								100.0	99.9	99.6
≥	40	95.1	99.1	99.6								99.8	98,9	99.4
≥	45	89.1	96.3									99.2		98.4
2	50	78.2	89.6	97.4	100.0						100.0		89.5	96.0
≥	55	62.5	76.3	91.1	99.9	ANNEX					99.8	91.1	76.7	91.0
2	60	45.1	57.9	82.6	98.3	100.0				*****	98.8	80.6	57.9	85.3
2	65	27.4	36.2	65.5	92.9	99.8	10010			100.0	95.5	65.7	34,6	76.
2	70	11.4	14.5	38.5		97.5	100.0	100.0	100.0	99.4	86.9	45.0	17.8	66.
≥	75	.4	.9	8.9		86.4	99.8	100.0	100.0	95.9	66.4	21,5	3.0	52.4
≥	80				5.6	46.4	91.1	08 5	95.6	80,6	30.7	2,3	-	37.
≥	90					1.5	32.2	56.3	58.7	- 4	- 1		-	
2	EMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL

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* NAVAL WEATHER SERVICE DETACHMENT

DAILY AVERAGE/EXTREME TEMPERATURES

12926	CORPUS CHRISTI, TX.	1946-1977	JANUARY
STATION	STATION NAME	YEARS	MONTH

	MEAN TE	MP		M	AXIMUM TE	MP			٨	MINIMUM TE	MP	
	AVERAG	E	AVERA	GE	EXTR	EME		AVERAC	GE .	EXTR	EME	
DAY	°F	°c	°F	°c	°F	°C	DATE	°F	°c	°F	°c	DATE
1	57,4	14.1	63.5	17.5	78	25.6	1966	51.2	10,7	32	0.0	1947
2	59.2	15.1	65.4	18.6	82	27.8	1976	53.0	11.7	35	1.7	1947
3	57.0	13.9	62.7	17.1	79	26.1	1971*	51.3	10.7	32	0.0	1947
4	54.4	12.4	01.9	16.6	79	26.1	1955	46.9	8.3	26	-3.3	147
5	54.4	12.4	61.0	16.1	76	24.4	1957+	47.7	8.7	30	-1.1	1947
6	55.2	12.9	61.9	16.6	76	24.4	1965*	48.6	9,2	30	-1.1	1970
7	55.3	12.9	62.1	16.7	79	26.1	1975	48.5	9,2	28	-2.2	1970
8	57.0	13.9	63.9	17.7	84	28.9	1953	50.1	10.1	26	-3.3	1976
9	57.0	13.9	64.1	17.8	78	25.6	1972	49.8	9,9	26	-3.3	1962
10	55.4	13.0	62.5	16.9	78	25.6	1974#	48.2	9.0	21	-6.1	1962
11	55.5	13.1	63.2	17.3	77	25.0	1972	47.8	8,8	20	-6.7	1962
12	56.0	13.3	62.7	17.1	77	25.0	1971	49.4	9.7	19	-7.2	1962
13	56.8	13.8	03.4	17.4	80	26.7	1972	50.2	10,1	25	-3.9	1963
14	58.5	14.7	65.2	18.4	83	28.3	1960	51.7	10.9	33	0.6	1975
15	58.1	14.5	65.6	18.7	76	24.4	1953+	50.6	10.3	35	1.7	1972
16	56.0	13.3	63.7	17.6	77	25.0	1952#	48.2	9.0	35	1.7	1953
17	56.0	13.3	62.1	16.7	76	24.4	1974+	49.9	9.9	31	-0.6	1957
18	56.7	13.7	63.6	17.6	77	25.0	1952+	49.8	9.9	35	1.7	1949
19	56.5	13.6	63.4	17.4	77	25.0	1950	49.7	9.8	30	-1.1	1963
20	57.0	13.9	63.8	17.7	83	28.3	1972	50.2	10.1	27	-2.8	1963
21	57.5	14.2	65.1	18.4	77	25.0	1969	50.0	10.0	30	-1.1	1963
22	59.0	15.0	66.1	18.9	80	26.7	1972	51.8	11.0	32	0.0	1954
23	57.6	14.2	64.2	17.9	78	25.6	1969	50.9	10.5	26	-3.3	1963
24	57.0	13.9	63.9	17.7	80	26.7	1972	50.2	10.1	21	-6.1	1963
25	58.5	14.7	66.0	18.9	80	26.7	1976	50.9	10.5	34	1.1	1961
26	59.0	15.0	66.5	19.2	78	25.6	1950	51.5	10.8	34	1.1	1961
27	58.6	14.8	64.8	18.2	80	26.7	1977	52.3	11.3	30	-1.1	1948
28	58.5	14.7	65.8	18.8	81	27.2	1977	51.1	10.6	26	-3.3	1948
29	57.5	14.2	64.9	18.3	79	26.1	1975+	50.2	10.1	26	-3.3	1951
30	57.4	14.1	64.9	18.3	84	28.9	1971	49.8	9.9	20	-6.7	1951
31	58.8	14.9	65.3	18.5	80	26.7	1975	52.3	11.3	21	-6.1	1949
Monthly	57.1	13.9	64.0	17.8	84	28.9	1971+	50.1	10.1	19	-7.2	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

YEARS

12926 CURPUS CHRISTI, TX.
STATION STATION NAME

1946-1977

FEBRUARY

MONTH

	MEAN T	EMP		M	AXIMUM TE	MP				MINIMUM TE	MP	
	AVERA	GE	AVERA	GE	EXTR	EME		AVERA	GE	EXTRE	EME	
DAY	°F	°c	°F	°C	°F	°c	DATE	°F	°c	°F	°c	DATE
1	60.2	15.7	66.7	19.3	80	26.7	1975	53.7	12.1	21	-6.1	1951
2	57.8	14.3	65.0	18.3	86	. 30.0	1963	50.7	10.4	22	-5,6	1951
3	56.7	13.7	63.6	17.6	81	27.2	19544	49.8	9,9	30	-1.1	1951
4	59.2	15.1	67.0	19.4	86	30.0	1954	51.4	10.8	34	1.1	1956
5	61.0	16.1	67.9	19.9	79	26.1	1954	54.1	12.3	40	4.4	1952
6	60.3	15.7	68.0	20.0	81	27.2	1969	52,5	11,4	39	3,9	19674
7	58.0	14.4	64.7	18.2	77	25.0	1957	51.3	10.7	34	1.1	1975
8	58,4	14.7	66.0	18.9	78	25.6	1963	50.9	10.5	32	0.0	1971
9	59.4	15.2	67.3	19.6	86	30.0	1962	51.6	10,9	35	1.7	1973
10	60.4	15.8	67.7	19.8	79	26.1	1955	53.1	11.7	38	3,3	1946
11	60.9	16.1	68.4	20.2	82	27.8	1954	53.3	11.8	33	0.6	1963
12	59.9	15.5	66.8	19.3	78	25.6	1976	52.9	11.6	30	-1.1	1963
13	59.8	15.4	67.9	19.9	80	26.7	1976	51.7	10,9	32	0.0	19634
14	60.4	15.8	67.7	19,8	80	26.7	1957	53.1	11.7	32	0.0	19634
15	60.7	15.9	67.2	19.6	85	29.4	1962	54.2	12.3	35	1.7	1951
16	60.7	15.9	67.7	19.8	81	27.2	1971	53.6	12.0	41	5.0	19684
17	61.6	16.4	67.9	19.9	85	29.4	1972	55.3	12,9	43	6,1	1970
18	62.0	16.7	68.0	20.0	82	27.8	1974	55.9	13,3	44	6.7	19734
19	60.8	16.0	66.5	19.2	80	26.7	1971+	35.0	12.8	42	5.6	1964
20	60.9	16.1	66.6	19.2	79	26.1	1976	55.8	12,8	41	5.0	1968
21	59.6	15.3	66.2	19.0	78	25.6	1962	53.0	11.7	38	3,3	1955
22	59.1	15.1	65.9	18.8	81	27.2	1975	52.3	11.3	36	2.2	1964
23	60.4	15.8	67.5	19.7	83	28.3	1977	53.3	11.8	34	1.1	1968
24	39.7	15.4	67.1	19.5	63	28.3	1977	52.4	11.3	34	1.1	1965*
25	61.2	16.2	68.2	20.1	80	26.7	1971	54.2	12,3	31	-0.6	1960
26	63.0	17.2	69.7	20.9	85	29.4	1971	56.3	13.5	40	4.4	1952
27	63.1	17.3	70.2	21.2	94	34.4	1954	56.1	13.4	37	2.8	1952
28	62.5	16.9	69.0	20.6	80	26.7	1975*	55.9	13,3	36	2,2	1962
29	62.3	16.8	68.4	20.2	80	26.7	1976	56.2	13.4	43	6.1	1960
30												
31						THE RESIDENCE						
Monthly	60.3	15.7	67.2	19.6	94	34.4	1954	53.3	11.8	21	-6.1	1951

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DALLY AVERAGE/EXTREME TEMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

12926 CORPUS CHRISTIA TX.

1945-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

	MEAN TI	EMP		M	AXIMUM TE	MP			-	MINIMUM TE	MP	
	AVERA	GE	AVERA	GE	EXTR	EME		AVERAG	E	EXTR	ME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°C	°F	°c	DATE
1	63,5	17.5	69.4	20.8	90	32.2	1975	57.7	14,3	35	1.7	1962
2	63.8	17.7	70.3	21.3	86	30.0	1971	57.2	14,0	39	3,9	1960
3	64.0	17.8	70.1	21.2	84	28.9	1953	58.0	14.4	39	3,9	1960
4	63.7	17.6	69.7	20.9	83	28.3	1976	57.6	14.2	42	5,6	1965
5	62.9	17.2	68,7	20.4	82	27.8	1976	57.0	13,9	37	2,8	1965
6	62.8	17.1	70.0	21.1	87	30.6	1973	55.7	13,2	41	5.0	1963
7	63.2	17.3	69.7	20.9	86	30.0	1950	56.6	13.7	40	4.4	1947
8	63.7	17.6	70.4	21.3	83	28.3	1976	57.1	13.9	37	2,8	1947
9	65.3	18.5	71.5	21.9	79	26.1	1974+	59.1	15,1	42	5,6	1969
10	67.5	19.7	73.5	23.1	84	28.9	1973+	61.5	16.4	40	4,4	1948
11	66.4	19.1	72.6	22.6	81	27.2	1971+	60.3	15.7	29	-1.7	1948
12	64.8	18.2	71.4	21.9	83	28.3	1975*	58.2	14,6	31	-0.6	1948
13	62.9	17.2	69.7	20.9	84	28.9	1971+	56.0	13,3	38	3,3	1951
14	63.9	17.7	70.5	21.4	85	29.4	1971	57.2	14.0	40	4.4	1970
15	65.5	18.6	71.6	22.0	84	28.9	1973	59.5	15.3	43	6.1	1962
16	65.7	18.7	71.6	22.0	84	28.9	1972	59.7	15.4	44	6.7	1962
17	67.2	19.6	73.9	23.3	87	30.6	1972	60.5	15.8	47	8.3	1960
18	67.4	19.7	74.6	23.7	87	30.6	1975	60.2	13.7	41	5.0	1960
19	66.7	19.3	73.5	23.1	88	31.1	1977*	59.8	15.4	40	4.4	1965
20	66.7	19.3	72.9	22.7	85	29.4	1976	60.5	15.8	35	1.7	1965
21	66.2	19.0	73.0	22.8	90	32.2	1955	59.4	15.2	44	6.7	1968
22	66.4	19.1	72.1	22.3	85	29.4	1971	40.7	15.9	45	7.2	1968
23	68.3	20.2	74.9	23.8	90	32.2	1947	61.6	16.4	46	7.8	1952
24	68.2	20.1	74.5	23.6	85	29.4	1975	61.9	16.6	44	6.7	1974
25	67.3	19.6	74.2	23.4	88	31.1	1971	60.4	15.8	44	6.7	1974
26	66.2	19.0	72.6	22.6	84	28.9	1946	59.8	15.4	36	2.2	1955
27	67.7	19.8	73.8	23.2	84	28.9	1972+	61.5	16.4	38	3.3	1955
28	68.9	20.5	75.0	24.3	86	30.0	1975*	62.0	16.7	44	6.7	1955
29	68.7	20.4	74.3	23.5	89	31.7	1974	63.2	17.3	45	7.2	1975
30	68.7	20.4	74.4	23.6	82	27.8	1954	63.1	17.3	42	5.6	1975
31	69.1	20.6	75.3	24.1	85	29.4	1973*	62.9	17.2	51	10.6	1975
Monthly	65.9	18.8	72.3	22.4	90	32.2	1975+	59.5	15.3	29	-1.7	1948

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

525 DAILY AVERAGE/EXTEME TEMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

12926 CURPUS CHRISTI, TX.

1945-1977

APRIL

STATION

STATION NAME

YEARS

MONTH

	MEAN T	EMP		M	AXIMUM TE	MP			٨	MINIMUM TE	MP	
	AVERA	GE	AVERA	GE	EXTR	EME		AVERAG	E	EXTRE	ME	
DAY	°F	°c	°F .	°c	°F	°C	DATE	°F	°c	°F	°c	DATE
1	69.8	21.0	76.7	24.8	92	33.3	1974	62,8	17.1	51	10.6	1954
2	69.6	20.9	75.9	24.4	89	31.7	1975	63.3	17,4	50	10.0	1970
3	71.2	21.8	77.4	25.2	68	31.1	1974	64.9	18,3	49	9.4	1975
4	69.6	20.9	75.8	24.3	82	27.8	1963+	63.5	17,5	50	10.0	1960
5	68.4	20.2	75.0	23.9	85	29.4	1947	61.8	16.6	48	8,9	1949
6	68.8	20.4	76.2	24.6	90	32.2	1953	61.3	16,3	49	9,4	1952
7	69.8	21.0	75.8	24.3	86	30.0	1972*	63.9	17.7	50	10.0	1971
8	71.3	21.8	77.2	25.1	86	30.0	1953	65.4	18,6	57	13.9	1973
9	70.8	21.6	75.9	24.4	85	29.4	1963	65.6	18,7	50	10.0	1973
10	71.5	21.9	76.9	24.9	86	30.0	1953	66.2	19.0	46	7.8	1952
11	71.7	22.1	76.8	24.9	85	29.4	1953	66,6	19.2	54	12.2	1951
12	71.5	21.9	77.5	25.3	85	29.4	1972*	65.6	18.7	50	10.0	1951
13	71.2	21.8	77.1	25.1	87	30.6	1955	65.4	18,6	50	10.0	1959
14	71.3	21.8	76.8	24.9	86	30.0	1955	65.8	18.8	53	11.7	1957
15	72.1	22.3	77.6	25.3	89	31.7	1956+	66.7	19,3	56	13.3	1947
16	71.2	21.8	76.8	24.9	86	30.0	1972	65.6	18,7	56	13,3	1966
17	72.3	22.4	77.9	25.5	86	30.0	1965	66.7	19.3	53	11.7	1947
18	73.4	23.0	78.7	25.9	87	30.6	1975	68.2	20.1	59	15.0	1960
19	74.0	23.3	79.2	26.2	86	30.0	1972	66.8	20.4	51	10.6	1953
20	73.8	23.2	78.7	25.9	86	30.0	1977	68.9	20.5	60	15.6	1953
21	74.0	23.3	79.4	26.3	88	31.1	1972	68.7	20.4	54	12.2	1966
22	75.0	23.9	79.8	26.6	86	30.0	1975	70.2	21.2	57	13,9	1959
23	75.1	23.9	80.5	26.9	94	34.4	1971	69.6	20.9	61	16.1	1968
24	75.7	24.3	80.9	27.2	90	32.2	1955+	70.4	21,3	59	15.0	1968
25	74.8	23.8	80.8	27.1	91	32.4	1953	68.8	20.4	56	13.3	1968
26	75.3	24.1	80.8	27.1	90	32.2	1964	69.9	21.1	52	11.1	1952
27	75.2	24.0	80.2	26.8	86	30.01	1975+	70.1	21.2	58	14.4	1952
28	76.4	24.7	81.3	27.4	89	31.7	1964	71.5	21.9	63	17.2	1973
29	76.7	24.8	81.5	27.5	93	33.9	1953	71.8	22.1	63	17.2	1976
30	76.1	24.5	81.2	27.3	98	36.7	1953	70.9	21.6	63	17.2	1976
31												
Monthly	72.6	22.6	78.2	25.7	98	36.7	1953	67.0	19.4	46	7.8	1952

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

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5725 DAILY AVERAGEEXTREME TEMP MAR 197

DAILY AVERAGE/EXTREME TEMPERATURES

12926 CORPUS CHRISTI, TX. 1945-1977 MAY
STATION STATION NAME YEARS MONTH

	MEAN TE	MP		M	AXIMUM TE	MP			٨	INIMUM TE	MP	
	AVERAG	E	AVERA	GE	EXTR	EME		AVERA	GE	EXTR	EME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	75.0	23.9	80.1	26.7	88	31.1	1964+	69,9	21,1	61	16.1	1976
2	75.4	24.1	60.9	27.2	88	31.1	1964	70.0	21.1	58	14,4	1976
3	75.3	24.1	80.6	27.0	89	31.7	1952	70.0	21,1	57	13.9	1954
4	75,8	24.3	81.3	27.4	90	32.2	1958	70.3	21,3	56	13.3	1954
5	76.2	24.6	81.3	27.4	88	31.1	1958	71.0	21,7	57	13.9	1970
6	76.2	24.6	81.1	27.3	87	30.6	1956	71.3	21,8	62	16,7	1970*
7	76.8	24.9	82.0	27.8	92	33.3	1973	71.6	22.0	62	16.7	1960
8	77.2	25.1	82.4	28.0	89	31.7	1975+	71.9	22,2	63	17.2	1966
9	77.3	25.2	82.4	28.0	87	30.6	1975*	72.2	22,3	63	17.2	1966
10	77.9	25.5	83.0	28.3	88	31.1	1971	72,9	22,7	64	17,8	1969
11	77.1	25.1	82.4	28.0	67	30.6	1975+	71.7	22,1	61	16.1	1961
12	76,4	24.7	81.5	27.5	88	31.1	1964	71.3	21,8	53	11.7	1952
13	77.2	25.1	82.4	28.0	88	31.1	1975	72.1	22,3	63	17.2	1952
14	77.7	25.4	82.9	28,3	90	32.2	1959	72,5	22,5	60	15.6	1953
15	77.6	25.3	82.6	28.1	88	31.1	1974	72.6	22,6	63	17.2	1967
16	78.1	25.6	83.0	28.3	88	31.1	1974+	73,2	22,9	59	15.0	1945
17	78,2	25.7	83.4	28,6	89	31.7	1974	73.1	22,8	62	16,7	1970
18	78.0	25.6	83.2	28.4	88	31.1	1974	72.8	22.7	67	19.4	1973*
19	79.0	26.1	84.6	29,2	90	32.2	1954	73.4	23.0	65	10.3	1952
20	79.0	26.1	84.9	29,4	97	36.1	1955	73.1	22.8	58	14,4	1952
21	78,7	25.9	84.5	29.2	97	36.1	1955	72.9	22,7	63	17,2	1967
22	79.5	26.4	85.0	29.4	91	32.8	1974	73.9	23,3	58	14.4	1967
23	79.5	26.4	84.6	29,2	89	31.7	1975+	74.4	23,6	65	18.3	1947
24	80,2	26.8	85.5	29,7	91	32.8	1974	74,8	23,8	65	16.7	1967
25	80.6	27.0	85.8	29,9	92	33.3	1958	75.3	24,1	68	20.0	1967*
26	80.5	26.9	85.8	29,9	92	33.3	1974	75.2	24.0	63	17.2	1947
27	80.5	26,9	86.1	30.1	95	35.0	1973	75.0	23,9	68	20.0	1954
28	80,5	26.9	65.9	29,9	91	32.6	1973	75,2	24,0	66	18,9	1952
29	80,9	27.2	86.1	30.1	91	32.8	1974	75.7	24,3	67	19.4	1947
30	80.6	27.0	46.2	30.1	92	33.3	1959	75.0	23,9	04	17,8	1947
31	81.1	27.3	86.5	30,3	92	33.3	1953	75.7	24,3	65	18,3	1964
Monthly	78.2	25.7	83.5	28.6	97	36.1	1955	72.9	22.7	53	11.7	1952

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AMRAGE/EXTREME TEMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

STATION STATION NAME

1945-1977

JUNE

YEARS

MONTH

	MEAN TE	MP		M	AXIMUM TE	MP			N	INIMUM TE	MP	
	AVERAG	E	AVERA	GE	EXTRE	ME		AVERAG	E	EXTRE	ME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	80.7	27.1	86.2	30.1	94	34.4	1953	75.2	24.0	65	18,3	1957
2	80.5	26.9	86.1	30.1	94	36.4	1953	74.8	23,8	67	19.4	1962*
3	80.9	27.2	86.5	30.3	92	33.3	1954	75.2	24,0	68	20,0	1970*
4	80.9	27.2	86.1	30.1	91	32.8	1977*	75.6	24,2	69	20,6	1970
5	81.0	27.2	86.5	30.3	91	32.8	1977*	75.6	24,2	66	18,9	1973
6	81.5	27.5	87.0	30.6	92	33.3	1977*	76.1	24,5	69	20.6	1967
7	82.3	27.9	87.4	30.8	99	37.2	1977	77.2	25.1	71	21.7	1973
8	82.6	23.1	87.7	30.9	95	35.0	1977	77.5	25,3	69	20.6	1973
9	82.2	27.9	87.5	30.8	92	33.3	1977+	77.0	25.0	68	20.0	1946
10	82.3	27.9	87.4	30.8	93	33.9	1977	77.2	25.1	64	17.8	1955
11	83.3	28.5	88.5	31.4	94	34.4	1955+	79.2	25.7	67	19.4	1955
12	83.3	28.5	88.6	31.4	95	35.0	1953	78.0	25.6	69	20.6	1945
13	83.7	28.7	89.0	31.7	94	34.4	1977	78.4	25.8	68	20.0	1973
14	83.2	28.4	88.4	31.3	93	33.9	1975	78.0	25.6	69	20.6	1974
15	83.7	28.7	88.7	31.5	93	33.9	1963	78.7	25.9	73	22.8	1974
16	83.9	28.8	88.7	31.5	94	34.4	1963	79.0	26.1	68	20.0	1947
17	84.0	28.9	88.9	31.6	93	33.9	1977+	79.1	26.2	70	21.1	1963
18	83.6	28.7	88.6	31.4	93	33.9	1977	78.7	25.9	72	22.2	1963
19	83.7	28.7	89.0	31.7	95	35.0	1972	78.3	25.7	70	21.1	1947
20	83.3	28.5	88.6	31.4	93	33.9	1977+	77.9	25.5	73	22.8	1961
21	83.4	28.6	88.3	31.3	91	33.9	1977+	78.5	25.8	72	22.2	1957
22	83.5	28.6	88.6	31.4	92	33.3	1977#	78.5	25.8	73	22.8	19664
23	83.7	28.7	88.7	31.5	95	35.0	1953	78.0	25.9	74	23.3	1961
24	83.8	28.8	89.1	31.7	93	33.9	1975#	78.6	25.9	70	21.1	1959
25	83.5	28.6	88.3	31.3	95	35.0	1953	78.6	25.9	71	21.7	1974
26	84.1	28.9	89.0	31.7	97	36.1	1953	79.1	26.2	72	22.2	1974
27	83.8	28.8	89.1	31.7	96	35.6	1953	78.6	25.9	72	22.2	1974
28	84.0	28.9	89.0	31.7	95	35.0	1953	79.0	26.1	73	22.8	19744
29	84.0	28.9	89.2	31.8	93	33.9	1976+	78.7	25.9	71	21.7	1948
30	84.2	29.0	89.3	31.8	94	34.4	1975	79.2	26.2	73	22.8	1948
31	9796	2710	8793	3713		2414	.,,,,	77.06	2012			4740
Monthly	83.0	28.3	88.1	31.2	99	37.2	1977	77.8	25.4	64	17.8	1955
	03.0	20.0	9011	2106	77	3116	4711	1100	2014		1100	173

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DATLY AVERAGE/EXTREME TAMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

12926 CURPUS CHRISTI, TX. 1945-1977
STATION STATION NAME YEARS MONTH

	MEAN TE	MP		M	AXIMUM TE	MP				MINIMUM TE	MP	
	AVERAG	E	AVERA	GE	EXTR	EME		AVERA	GE	EXTR	EME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	84.3	29.1	89.5	31.9	94	34.4	1964	79.1	26,2	72	22,2	1948
2	84.1	28.9	89.5	31.9	93	33.9	1975+	78.7	25,9	73	22.8	1948
3	84.5	29.2	90.0	32.2	95	35.0	1975	79.1	26.2	75	23.9	1971
4	84.6	29.2	90.0	32.2	96	35.6	1952	79.3	26.3	75	23.9	1967
5	84.1	28.9	89.3	31.8	94	34.4	1969+	78.9	26.1	72	22.2	1972
6	84.4	29.1	89.5	31.9	95	35.0	1975+	79.3	26.3	72	22.2	1972
7	84.4	29.1	89.4	31.9	95	35.0	1975	79.4	26.3	75	23.9	1968
8	84.5	29.2	89.8	32.1	95	35.0	1975	79.3	26.3	75	23.9	1976
9	84.1	28.9	89.6	32.0	95	35.0	1975	78.6	25.9	72	22.2	1976
10	84.3	29.1	90.1	32.3	95	35.0	1975	78.5	25,8	73	22.8	1961
11	84.4	29.1	90.1	32.3	95	35.0	1975+	78.7	25.9	72	22.2	1968
12	84,5	29.2	90.0	32.2	94	34.4	1977*	78.9	26.1	73	22.8	1973
13	84.3	29.1	89.7	32.1	95	35.0	1953	78.9	26.1	74	23.3	1976
14	84.2	29.0	89.6	32.0	94	34.4	1977+	78.8	26.0	71	21.7	1975
15	84.1	28.9	89.4	31.9	96	35.6	1952	78.8	26.0	73	22.8	1967
16	84.1	28.9	89.8	32.1	97	36.1	1952	78.5	25.8	69	20.6	1967
17	84.5	29.2	89.8	32.1	94	34.4	1969+	79.1	26.2	73	22.8	1972
18	84.5	29.2	89.6	32.0	94	34.4	1969	79.4	26.3	71	21.7	1952
19	84.4	29.1	89.6	32.0	94	34.4	1977	79.2	26.2	71	21.7	1964
20	84.5	29.2	90.2	32.3	95	35.0	1969	78.8	26.0	72	22.2	1952
21	84.5	29.2	89.8	32.1	94	34.4	1977+	79.3	26.3	72	22.2	1967
22	84.4	29.1	89.6	32.0	94	34.4	1977+	79.2	26.2	75	23.9	1974
23	84.8	29.3	90.2	32.3	95	35.0	1977*	79.4	26,3	77	25.0	1974
24	84.8	29.3	90.1	32.3	94	34.4	1977	79.5	26.4	77	25.0	1976
25	84.6	29.2	90.3	32.4	95	35.0	1959+	78.8	26,0	75	23,9	1959
26	84.7	29.3	90.2	32.3	94	34.4	1973	79.2	26.2	74	23,3	1959
27	84.9	29.4	90.4	32.4	95	35.0	1977+	79.3	26.3	75	23.9	1968
28	85.1	29.5	90.7	32.6	97	36.1	1960	79.5	26.4	75	23.9	1961
29	84.7	29.3	90.5	32.5	96	35.6	1975	78.9	26.1	75	23.9	1957
30	84.6	29.2	90.3	32.4	95	35.0	1977	78.9	26.1	74	23.3	1952
31	84.5	29.2	90.1	32.3	95	35.0	1977	78.9	26.1	75	23.9	1971
Monthly	84.5	29.2	89.9	32.2	97	36.1	1960+	79.0	26.1	69	20.6	1947

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

525 DAILY AVERAGE/EXTEME TEMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

YEARS

12926 CORPUS CHRISTI, TX. STATION

STATION NAME

1945-1977

AUGUST

MONTH

	MEAN T			M	AXIMUM TE	MP				MINIMUM TE		
	AVERA	AGE	AVERA	GE .	EXTR	EME		AVERAC	SE	EXTRE	ME	
DAY	°F	°c	°F	°c	°F	°C	DATE	°F	°c	°F	°c	DATE
1	84.4	29.1	89.8	32.1	95	35.0	1975	79.0	26.1	74	23,3	1955
2	84.2	29.0	90.0	32.2	96	35.6	1977*	78,5	25,8	71	21.7	1947
3	84.0	28.9	89.5	31.9	95	35.0	1977+	78.4	25,8	71	21.7	1972
4	84.0	28.9	89.9	32.2	96	35.6	1975	78.0	25,6	72	22,2	1971+
5	84.0	28.9	89.6	32.0	94	34.4	1977	78.4	25,8	72	22,2	1965
6	84.2	29.0	90.0	32.2	94	34.4	1977	78.3	25.7	73	22,8	1971*
7	84.1	28.9	90.0	32.2	95	35.0	1976	76.1	25,6	73	22,8	1974
8	84.3	29.1	90.1	32.3	96	35.6	1976	78.6	25,9	75	23.9	1967
9	84.7	29.3	90.6	32.6	96	35.6	1962	78,8	26,0	74	23,3	1975
10	84.8	29.3	90.7	32.6	96	35.6	1962	78.9	26,1	76	24.4	1975*
11	84.6	29.2	90.2	32.3	95	35.0	1977*	79.0	26,1	73	22.8	1965
12	84.6	29.2	90.3	32.4	96	35.6	1977*	78.9	26.1	71	21.7	1960
13	84.6	29.2	90.4	32.4	98	36.7	1962	78.8	26.0	67	19.4	1967
14	85.0	29.4	90.6	32.6	98	36.7	1962	79.3	26,3	70	21.1	1967
15	84.9	29.4	90.4	32.4	95	35.0	1977	79.3	26,3	70	21.1	1967
16	85.0	29.4	90.8	32.7	95	35.0	1977*	79.2	26,2	71	21.7	1967
17	84.7	29.3	90.4	32.4	95	35.0	1977	79.0	26.1	75	23.9	1961
18	84.6	29.2	90.7	32.6	99	37.2	1969	78.4	25.8	69	20.6	1973
19	84.3	29.1	90.1	32.3	96	35.6	1977+	78.5	25,8	73	22.8	19674
20	84.4	29.1	90.1	32.3	96	35.6	1977	78.6	25.9	68	20.0	1945
21	84.8	29.3	90.5	32.5	96	35.6	1977+	79.1	26,2	75	23.9	1961
22	84.8	29.3	90.7	32.6	96	35.6	1977	79.0	26.1	74	23.3	1967*
23	84.4	29.1	90.5	32.5	96	35.6	1977*	78.4	25,8	74	23,3	1973+
24	84.0	28.9	89.6	32.0	95	35.0	1977+	78.4	25,8	73	22.8	1976*
25	83.2	28.4	88.8	31.6	96	35.6	1977	77.7	25.4	71	21.7	1966
26	83.9	28.8	89.4	31.9	97	36.1	1955	78.4	25,8	72	22,2	1966
27	84.1	28.9	89.7	32.1	96	35.6	1955	78.6	25,9	72	22.2	1953
28	84.2	29.0	90.0	32.2	96	35.6	1945	78.3	25.7	72	22.2	1953
29	84.0	28.9	89.7	32.1	95	35.0	1977*	70.4	25,8	73	22.8	1973*
30	84.3	29.1	90.2	32.3	101	38.3	1994	78.5	25,8	72	22,2	1973
31	84.6	29.2	90.4	32.4	99	37.2	1954	78.7	25.9	73	22,8	1946
Monthly	84.4	29.1	90.1	32.3	101	38.3	1954	78.6	25.9	67	19.4	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGEEXTREME TEMP MAR 197

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DAILY AVERAGE/EXTREME TEMPERATURES

YEARS

CORPUS CHRISTI, TX. 12926 STATION

STATION NAME

1945-1977

SEPTEMBER

MONTH

	MEAN T	EMP			AXIMUM TE	MP				MINIMUM TE	MP	
	AVERA	GE	AVERA	GE	EXTR	EME		AVERA	3E	EXTRE	EME	
DAY	°F	°C	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	84.2	29.0	89.8	32.1	96	35.6	1954	78.7	25,9	74	23,3	1975*
2	84.5	29.2	90.3	32.4	94	34.4	1969*	78.7	25,9	68	20.0	1950
3	84.2	29.0	89.7	32.1	95	35.0	1945	78.7	25.9	71	21.7	1974
4	83.7	28.7	89.6	32.0	100	37.8	1977	77.7	25,4	66	18,9	1974
5	83,1	28.4	88.8	31.6	100	37.8	1977	77.3	25,2	67	19.4	1974
6	83,2	28,4	89.1	31.7	96	35.6	1977	77.4	25,2	68	20.0	1973
7	83.2	28.4	89.1	31.7	95	35.0	1977*	77.3	25,2	69	20,6	1974
8	83.0	28.3	89.1	31.7	96	35.6	1954	76,9	24,9	71	21.7	1961
9	83.2	28.4	89.1	31.7	96	35.6	1954	77.2	25.1	67	19,4	1974
10	83.3	28.5	88.6	31.4	96	35.6	1965+	78.1	25,6	73	22.8	1971
11	83.0	28.3	88.3	31.3	100	37.8	1954	77.6	25,3	70	21.1	1961
12	82.9	28.3	89.0	31.7	94	34.4	1973	76.8	24,9	68	20.0	1959
13	82.5	28.1	88.2	31.2	94	34.4	1954	76.7	24.8	70	21.1	1974
14	31.7	27.6	87.6	30,9	95	35.0	1953	75.9	24.4	68	20.0	1961
15	81.9	27.7	87.7	30.9	97	36.1	1934	76.0	24.4	65	18.3	1961
16	82.7	28.2	88.6	31.4	100	37.8	1954	76.9	24,9	67	19.4	1961
17	82.4	28.0	88.3	31.3	94	34.4	1954	76.5	24.7	67	19.4	1961
18	82.4	28.0	87.8	31.0	93	33.9	1975+	77.0	25.0	68	20.0	1961
19	82.7	28.2	88.3	31.3	94	34.4	1952*	77.2	25.1	63	17.2	1971
20	82.3	27.9	87.6	30.9	93	33.9	1954+	77.0	25.0	61	16.1	1971
21	82.9	28.3	88.3	31.3	96	35.6	1954	77.5	25,3	69	20.6	1971
22	82.5	28.1	87.7	30.9	94	34.4	1954	77.4	25.2	66	18.9	1975
23	81.7	27.6	87.1	30.6	93	33.9	1977*	76.3	24,6	68	20.0	1975
24	81.3	27.4	86.8	30.4	95	35.0	1954	75.8	24,3	65	18,3	1975
25	80.9	27.2	86.4	30.2	95	35.0	1994	75.4	24.1	66	18,9	1974
26	79.7	26.5	85.8	29.9	97	36.1	1953	73.6	23,1	63	17.2	1974
27	79.2	26.2	85.5	29.7	93	33.9	1977	73.0	22,8	63	17.2	1970
28	79.2	26.2	85.0	29.4	93	33.9	1977+	73,3	22,9	62	16,7	1967
29	79.3	26.3	86.0	30.0	95	35.0	1969	72.7	22,6	62	16.7	1948
30	78.9	26.1	85.6	29.8	94	34.4	1977	72.2	22,3	62	16.7	1945
31												
onthly	82.2	27.9	88.0	31.1	100	37.8	1977+	76.4	24.7	61	16.1	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AND RAGE/EXTREME TEMP MER 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

12926 CORPUS CHRISTI, TX.

1945-1977

OCTOBER

STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		М	AXIMUM TE	MP			٨	MINIMUM TEN	ИΡ	
	AVERAG	E	AVERA	GE	EXTRE	EME		AVERAG	E	EXTRE	ME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	78.3	25.7	84.7	29.3	96	35.6	1953	71.9	22,2	60	15.6	1958
2	78.8	26.0	85.2	29.6	96	35.6	1977	72.4	22,4	60	15.6	1958
3	79.0	26.1	84.5	29.2	95	35.0	1954	73.5	23,1	56	13,3	1961
4	79.0	26.1	84.3	29.1	91	32.8	1953	73.8	23.2	62	16.7	1965*
5	78.3	25.7	83.9	28.8	90	32.2	1972	72.8	22,7	63	17.2	1975*
6	78.9	26.1	84.8	29.3	92	33.3	1954	73.1	22,8	59	15.0	1964
7	77.5	25.3	83.6	28.7	92	33.3	1954	71.4	21.9	55	12.8	1976*
8	78.0	25.6	84.1	28.9	90	32.2	1977+	71.9	22.2	53	11.7	1976
9	77.3	25.2	83.8	28.8	90	32.2	1962	70.8	21.6	51	10.6	1976
10	77.5	25.3	83.9	28.8	90	32.2	1977*	71.2	21,8	55	12.8	1976
11	78.0	25.6	84.3	29.1	91	32.8	1972	71.6	22.0	57	13.9	1952
12	77.5	25.3	83.2	28.4	90	32.2	1962*	71.9	22,2	57	13.9	1946
13	77.2	25.1	83.2	28.4	91	32.8	1954	71.2	21,8	57	13.9	1977
14	77.0	25.0	83.0	28.3	92	33.3	1954	71.0	21.7	55	12.8	1969
15	76.1	24.5	82.7	28.2	90	32.2	1975#	69.6	20.9	57	13.9	1974
16	74.7	23.7	80.8	27.1	89	31.7	1962	68.6	20,3	57	13.9	1954
17	75.0	23.9	81.7	27.6	88	31.1	1972	68.4	20.2	55	12.8	1948
18	75.0	23.9	81.2	27.3	88	31.1	1972*	68.8	20.4	55	12.8	1948
19	74.2	23.4	81.0	27.2	88	31.1	1971+	67.4	19,7	53	11.7	1976
20	74.3	23.5	81.0	27.2	88	31.1	1962*	67.7	19.8	50	10.0	1976
21	75.0	23.9	81.6	27.6	88	31.1	1950	68.5	20.3	49	9.4	1964
22	75.2	24.0	81.5	27.5	90	32.2	1950	68.8	20.4	56	13.3	1945
23	75.6	24.2	82.2	27.9	89	31.7	1975	65.9	20.5	53	11.7	1965
24	74.4	23.6	81.0	27.2	90	32.2	1975	67.8	19,9	58	14.4	1945
25	72.8	22.7	78.9	26.1	87	30.6	1956	66.7	19,3	50	10.0	1945
26	72.4	22.4	78.4	25.8	87	30.6	1954	66,5	19.2	49	9,4	1957
27	72.2	22.3	78.9	26.1	87	30.6	1971	65.6	18,7	48	8,9	1957
28	72.5	22.5	78.4	25.8	87	30.6	1975+	66,6	19.2	51	10.6	1957
29	72.8	22.7	78.7	25.9	87	30.6	1972+	66.9	19.4	52	11.1	1976
30	73.0	22.8	79.5	26.4	87	30.6	1972#	66.5	19.2	49	9.4	1976
31	72.8	22.7	78.8	26.0	88	31.1	1968	66.8	19,3	46	7,8	1967
Monthly	75.8	24.3	82.0	27.8	96	35.6	1977+	69.6	20.9	46	7.8	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

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5725 DATLY AVERAGE/EXTREME TOMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

12926 CURPUS CHRISTI, TX.

1945-1977

NOVEMBER

STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		M	AXIMUM TE	MP			٨	INIMUM TE	MP	
	AVERA		AVERA	190721	EXTR	C.236-70-		AVERAG	SE .	EXTR	ME	
DAY	°F	°C	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	72.0	22.2	78.9	26.1	87	30.6	1971	65.2	18.4	52	11.1	19674
2	70.7	21.5	77.3	25.2	87	30.6	1975	64.1	17.8	45	7.2	1951
3	69.2	20.7	76.1	24.5	87	30.6	1973	62.2	16,8	34	1.1	1951
4	68.9	20.5	75.3	24.1	89	31.7	1959	62.4	16.9	45	7.2	1950
5	68.8	20.4	76.2	24.6	88	31.1	1963	61.4	16,3	43	6.1	1970
6	68.1	20.1	74.8	23.8	88	31.1	1963	61.4	16.3	43	6.1	1959
7	68.3	20.2	75.1	23.9	86	30.0	1977	61.6	16.4	41	5.0	1959
8	68.4	20.2	74.9	23.8	86	30.0	1973	61.8	16.6	44	6.7	1955
9	67.4	19.7	74.1	23.4	86	30.0	1975	60.8	16.0	44	6.7	1955
10	65.7	18.7	72.7	22.6	82	27.8	1976#	58.8	14.9	41	5.0	1950
11	67.5	19.7	75.1	23.9	83	28.3	1975*	60.0	15.6	41	5.0	1950
12	68.4	20.2	75.2	24.0	85	29.4	1969+	61.6	16.4	44	6.7	1976
13	69.2	20.7	76.3	24.6	86	30.0	1971	62.1	16.7	40	4.4	1976
14	66.1	20.1	74.5	23.6	86	30.0	1971	61.7	16.5	37	2.8	1959
15	69.0	20.6	75.8	24.3	86	30.0	1973	62.2	16.8	36	2.2	1959
16	69.5	20.8	75.9	24.4	85	29.4	1977+	63.1	17.3	42	5.6	1970
17	67.9	19.9	74.0	23.3	86	30.0	1977	61.0	16.6	34	1.1	1959
18	66.0	18.9	72.1	22.3	83	28.3	1975+	59.9	15.5	35	1.7	1959
19	65.5	18.6	71.5	21.9	86	30.0	1970	59.4	15.2	41	5.0	1959
20	65.8	18.8	72.6	22.6	84	28.9	1977+	59.0	15.0	42	5.6	1948
21	66.1	18.9	74.0	23.3	84	28.9	1977	58.2	14.6	42	5.6	1969
22	65.0	18.3	71.1	21.7	83	28.3	1973	59.0	15.0	42	5.6	1972
23	65.2	18.4	71.5	21.9	85	29.4	1955	58.8	14.9	39	3.9	1957
24	64.8	18.2	71.6	22.0	85	29.4	1965+	38.0	14.4	37	2.8	1957
25	65.6	18.7	73.3	22.9	82	27.8	1966#	37.0	14.3	42	5.6	1950
26	66.7	19.3	74.2	23.4	87	30.6	1973	59.3	15.2	41	5.0	1972
27	64.5	18.1	71.5	21.9	83	28.3	1977	57.5	14.2	41	5.0	1976
28	61.8	16.6	68.6	20.3	83	28.3	1977+	55.0	12.8	31	-0.6	1976
29	60.2	15.7	67.0	19.4	88	31.1	1949	53.4	11.9	34	1.1	1976
30	60.3	15.7	66.5	19.2	81	27.2	1954	54.1	12.3	37	2.8	1976
31					•		••••					
Monthly	66,8	19.3	73.6	23.1	89	31.7	1959	60.1	15,6	31	-0.6	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

50 DAILY AVERAGE/EXTEME TEMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES

CORPUS CHRISTI. TX. 12926

1945-1977

DECEMBER

STATION

YEARS

MONTH

	MEAN TI	EMP		M	AXIMUM TE	MP			N	MINIMUM TE	MP	
	AVERA	GE	AVERA	GE	EXTRE	ME		AVERAC	iE .	EXTRE	ME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	62.6	17.0	68.8	20.4	82	27.8	1954	56.3	13.5	36	2.2	1957
2	64.4	18.0	71.9	22.2	81	27.2	1970	37.0	13,9	44	6,7	1976
3	64.8	18.2	71.3	21.8	83	28.3	1964	58.3	14,6	40	4.4	1976
4	64.5	18.1	71.3	21.8	88	31.1	1977	57.7	14.3	44	6.7	1968
5	64.5	18.1	71.5	21.9	91	32.8	1977	57.5	14,2	35	1.7	1950
6	62.0	16.7	69.5	20.8	80	26.7	1966	54.6	12,6	29	-1.7	1950
7	61.4	16.3	68.4	20.2	80	26.7	1966	54.3	12.4	31	-0.6	1950
8	63.2	17.3	69.8	21.0	82	27.8	1966	36.7	13.7	38	3,3	1976
9	62.5	16.9	68.8	20.4	81	27.2	1961	56.1	13.4	43	6.1	1974*
10	60.2	15.7	67.0	19.4	78	25.6	19'0+	53.4	11,9	35	1.7	1945
11	59.2	15.1	67.0	19.4	83	28.3	1563	51.3	10.7	35	1.7	1972*
12	58.8	14.9	66.2	19.0	81	27.2	1973	51.5	10.8	35	1.7	1962
13	58,5	14.7	64.8	18.2	81	27.2	1977+	52.2	11.2	36	2,2	1961
14	57.8	14.3	64.2	17.9	81	27.2	1975+	51.4	10.8	33	0.6	1958
15	57.5	14.2	64.2	17.9	61	27.2	1975	50.7	10.4	35	1.7	1947
16	58.4	14.7	65.2	18.4	81	27.2	1977	51.7	10,9	33	0.6	1972
17	59.7	15.4	67.7	19.8	77	25.0	1969	51.7	10.9	37	2.8	1964
18	60.2	15.7	67.5	19.7	79	26.1	1969	52.0	11.6	31	-0.6	1964
19	59.6	15.3	65.8	18.8	83	28.3	1977	53.3	11.8	34	1.1	1964*
20	59.4	15.2	66.3	19.1	78	25.6	1971+	52.4	11,3	34	1.1	1945
21	59.5	15.3	66.7	19.3	82	27.8	1971	52.2	11.2	29	-1.7	1973
22	59.8	15.4	67.6	19.8	78	25.6	1966	52.0	11.1	33	0.6	1963
23	59.9	15.5	65.9	18.8	79	26.1	1970	53.9	12.2	30	-1.1	1963
24	59.6	15.3	66.7	19.3	84	28.9	1977	52.4	11.3	31	-0.6	1963
25	59.2	15.1	66.3	19.1	83	28.3	1964	52.1	11.2	38	3.3	1963*
26	58.8	14.9	65.3	18.5	78	25.6	1971+	52.2	11.2	38	3,3	1975
27	60.3	15.7	67.0	19.4	88	31.1	1968	53.6	12.0	41	5.0	1975*
28	60.3	15.7	66.8	19.3	81	27.2	1971	53.8	12.1	38	3,3	1967
29	60.2	15.7	67.1	19.5	82	27.8	1973	53.3	11.8	38	3,3	1954
30	60.0	15.6	66.6	19.2	81	27.2	1971	53.5	11.9	34	1.1	1946
31	57.0	13.9	64.0	17.8	82	27.8	1971	50.1	10.1	32	0.0	1976*
Monthly	60.4	15.8	67.3	19.6	91	32.8	1977	53.5	11.9	29	-1.7	1973*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

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5725 DAILY AVERAGEEXTREME TEMP MAR 197

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MAXIMUM TEMPERATURE

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CORPUS CHRISTI, TEXAS

45-77

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
45				85	83	88	90	96	95	87	82	78	
46	74	80	84	80	85	87	90	90	88	84	-	75	
47	74	75	90	85	83	87	90	93	94	87	83	76	94
46	73	72	78	82	87	87	88	89	89	**	82	77	
49	77	77		82			93			89	88	80	
50	79	79	86	83	88	91	91	96	91	90	84	79	96
51	77	79	85	84	89	90	92	95	92	89	84		
52	79	81	84	83		92	97	95	94	94	84	79	
53	84	77	84	98	92	97	95	95	97	96	83	84	98
54	78	94	88	88	90	92	95	101	100	95	84	82	101
55	79	79	90	90	97	94	93	97	94	94	85	78	97
56	78	84	81	89	88	91	91	93	92	90	84	78	93
57	76	80	85	86	88	91	92	94	92		81	78	
58	76	84	61	86	92	92	91	95	92	90	83	74	95
59	72	80	83	80	92	93	95	92	89	87	89	75	95
60	83	77	76	81	86	89	97	91	90	89	81	77	97
61	73	75	83	84	88	91	91	94	91	86	80	81	94
62	74	86	84	84	88	93	93	98	92	90	82	78	98
63	78	86	81	85	90	94	94	93	93	86	88	83	94
64	76	76	85	90	89	93	94	94	94	86	85	83	94
65	79	76	82	87	89	93	95	93	96	87	85	79	96
66	78	73	82	84	86	90	92	93	92	89	85	82	93
67	76	79	80	85	87	89	91	95	90	87	78	77	95
66	78	74	83	82	88	93	92	93	93	89	86	88	93
69	79	81	86	85	90	93	95	99	95	90	85	81	99
70	76	76	78	84	88	91	95	95	92	90	86	81	95
71	84	85	88	94	89	92	93	95	95	89	87	82	95
72	83	85	87		89	95	93	95	94	91	85	77	95
73	74	78	87	85	95	91	94	93	94	90	87	82	95
74	78	82	89	92	92	93	93	93	93	- 11	86	82	93
MEAN .													
S. D.								1					
TOTAL OBS.													

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MAXIMUM TEMPERATURE

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CORPUS CHRISTI, TEXAS

45-77

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
75	80	81	90 85	90 85	91	94 93	96 92	96	93	90 90	87 82	81 74	96 96
77	61	83	88	87	90	99	96	96	100	96	86	91	100
MEAN S. D.	77.8	79.8	84.3	45.8	69.0	91.8	93.0	94.5	93.1	89.5	84.3	79.8	95.7
OTAL OBS.	992	904	961	990	961	2,093	1023	992	960	961	960	992	2.15

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5723 Extreme Values Jan 1969

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MAXIMUM TEMPERATURE

12926

CORPUS CHRISTI, TEXAS

45-77

YEARS

WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
45			83										MAX TEM DAYS MAX TEM DAYS MAX TEM
46											29		MAX TEM
48										89 30			MAX TEM
52					90								DAYS MAX TEM DAYS
57										85 30			MAX TEM DAYS
										*			
	4	Programme and the	iito tayesti		al history		100	27-5276-					
MEAN S. D.				-									
OTAL OBS.													

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5723 Extreme Values Jan 1969

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MINIMUM TEMPERATURE

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CORPUS CHRISTI, TEXAS

45-77

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
45				50	59	69	75	68	62	50	51	34	
46	37	38	52	61	65	80	75	73	74	57		32	
47	26	37	37	53	63	68	76	71	68	69	49	35	26
48	26	32	29		68	71	72	73	62	-	40	44	
49	21	41		48			74			50	52	42	
50	35	45	42	57	68	70	75	75	68	62	41	29	29
51	20	21	36	50	63	70	74	73	67	56	34		
52	42	37	46	46		72	71	75	.68	55	44	44	
53	35	43	47	51	60	76	77	72	72	59	48	32	32
54	32	37	41	51	56	73	75	77	76	56	48	38	32
55	36	35	36	54	71	64	74	73	72	58	42	40	35
56	36	33	42	56	66	72	76	74	69	65	38	43	33
57	31	50	48	50	64	65	75	74	66		37	36	
58	41	32	42	56	64	73	75	75	70	53	40	33	3
59	27	41	44	50	69	70	74	73	68	53	34	38	21
60	36	31	39	50	51	72	75	71	68	56	43	36	3
61	32	38	54	52	61	71	73	74	65	56	44	36	32
62	19	36	35	52	62	67	78	74	68	58	44	35	19
63	21	30	41	57	68	70	77	76	68	66	41	30	21
64	32	36	48	56	65	66	71	75	64	49	44	31	31
65	35	34	35	61	65	72	76	72	63	53	58	44	34
66	30	35	46	51	60	70	75	71	69	58	43	35	30
67	32	37	48	60	56	69	69	67	62	46	47	38	32
68	32	34	44	55	62	70	72	76	70	58	46	39	32
69 .	38	45	42	61	64	71	77	76	68	55	42	39	36
70	28	36	40	50	57	68	75	72	63	54	39	45	26
71	34	32	40	50	63	73	75	72	61	62	52	46	32
72	31	35	49	57	66	71	72	71	64	56	41	33	3)
73	29	. 35	55	50	62	66	73	69	68	64	52	29	25
76	36	37	44	56	66	69	73.	73	63	57	38	38	36
MEAN													
S. D.													

NAVWEASERVCOM

5723 Externe Values Jan 1969

MINIMUM TEMPERATURE

CORPUS CHRISTI, TEXAS

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN. 28 26	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS 28 26
75		34	42	49 52	63 58	66 74	71 72	74	65	56 49	31	38	
77	27	42	47	53	67	72	76	75	72	37	49	37	27
	•												
		1											
		,											
MEAN	31.0		43.3	53.5	63.5	69.9	74.2	73.0	67.3	56.5	43.7	36.9	30.1
S. D.	5.856	5.267	43.3 5.843 961	960	3.765	2.758	1023	2.307	3,735	5.189	960	992	1162

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5723 Extreme Values Jan 1969

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EXTREME VALUES

5723 Extreme Values Jan 1969

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MINIMUM TEMPERATURE

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CORPUS CHRISTI, TEXAS

45-77

YEARS

MHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MONTHS
45			54 30										MIN TEM
46											47		MIN TEM
48				55 29						54 30			MIN TEN
52					53 30								MIN TEM
57										48			MIN TEM
			- 6										-
					,								
		- 8-											
	1 1												-
Victor Subject		Etter vo		i versione en la companya de la comp			1015, 11 934						
										,			
MEAN													
S. D.												11	

TATION			<u> </u>	ISTI	ATION NAI	it .				73				EARS					JAN	тн
																		P	HOURS (L	s.T.)
ſemp.									RATURE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb V	Wet Bulb	Dew Point
2/ 81											• 1						1	1		
/ 79				-1	.1	.1											3	3		
1 77				. 6	. 1	. 1	,1	. 1	.1	. 1							14	14		
/ 75			, 2	. 6	. 2		.2	.1	.1								15	15		
/ 73		• 1	, 3	. 3	. 2	. 2		,2	.1								16	16	7	
/ 71		1.5	. 6	.2	.7	.2	.1	.1	.2		.1			-			46	46	18	6
/ 69	.4	2.3	. 8	. 2	. 3	. 2	.1	. 1	.1		• 2						59	59	39	38
/ 67	.6	2.3	.7	.4	.4	.2		.1	.1	-1						-	59	59	56	49
/ 65	1.1	2.7	1.0	. 6	.6	. 2	,2		.2								82	62	59	56
/ 63	. 3	2.3	1,1	_	• 7	. 4	.2	• 1	-1			-		-		-	76	76	58	43
/ 61	.2	3.5	1,0	. 8	. 2	. 3	, 2										76	76	58	40
/ 59	.6	3.7	101	1.0	.0	, 3	,3							-	-		101	101	94	68
/ 57	• 2		1,7	!	.3	. 5	, 2										63	63	76	76
/ 55	• 2	1.9	1,3	1.0	, 5	,4	.2				-			-			69	69	66	50
/ 53	.2	3.7	1.6	1.1	• 4	.3	.2	• 1									95	95	80	66
/ 51	.2	3.1	2.0	, 9	.6	• •										-	90	90	84	78
/ 49	• 5	2.2	1.8	: 6	.5	.1	.2										69 54	54	93	95
1/ 47	• 2	2.0	101	, 0	. 2	,2	.1	-						-		-	55	55	79	56
	.2	1.0	1.0	. 2	• 4	. 2											2	42	55	62
	• 6	1.0			,6	, 3	-				-	-		-			29	29	42	56
		1.1	. 8	1:2	1.0	. 1											44	44	39	53
3/ 37		-		1.2	.2									-			34	34	37	28
35		1.0	. 6	1,5	.2												28	28	27	53
/ 33		.1	,3	1					-								6	6	58	30
/ 31	.1	.1	. 5													*	6	6	18	39
/ 29	-	•	, 2	. 2													5	5	8	19
1 27			1	. 2													3	3	7	16
/ 25				-															6	22
/ 23																			3	26
/ 21		- S																		13
/ 19																				16
1/ 17																				8
/ 15			100																	
ment (X)		Σ_{X}^{2}			Σχ		X	σ _x		No. Ob	8.			Mean	No. of He	ours with	Temperat	ure		
l. Hum.												≤0 F	≤ 32 F	≥ 67	F 2	73 F	≥80 F	≥93 F	T	otal
y Bulb																				
et Bulb																				
w Point																				

2926 STATION				IST	TATION N	ME				_73				YEAR	RS				JA	NTH
																			PAGE	(L.S.T.)
Temp.								LB TEMP									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 2	7 - 28 29 -	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																				8
12/ 11						-	-	-				-		+		-			-	2
8/ 7																				1
DTAL	5.0	39.1	22.5	15.2	9.2	4.	8 2.1	.7	.8	.2	.4							1240		1240
														_			1240		1240	
		PE B																		
			<	-	-	-	-	-				-	-	-		-				
			-			-	-	-			-			-		-				
							+					-		-		+				-
		-				-	-	-						+		-				
														+						
							-							-						
							+	-			-			+		-				
													1 2							
Element (X)		Σχ²			Σχ		X	σ _X		No. Ob					Mean No. o					
Rel. Hum.		774	5685		9561	3	7.1	17.3	26	12		±0 F	≤ 32 F		≥67 F	≥73 F	≥80 F	≥93		Total
Dry Bulb Wet Bulb		340	7050		6427	3	12.4	10.6	31	12			28	. 4	127.8	29,4	1.	2		744.0
Dew Point			3052		5957	2	0.8	13.3	58	12			105	-0	72.0	7,6		+	-	744.0
		300	3036			-		1213		-14	74	-		V	33,0	,,,				144.0

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CORPUS CHRISTI, TEXAS 12926 73-77 FEB PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL D.B./W.B. 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Po 82/ 81 3 . 1 .1 80/ 79 78/ 77 . 2 21 21 .7 . 2 . 1 35 35 36 76/ 75 74/ 73 .1 10 32 65 75 55 104 84 70 74 79 . 1 . 2 . 1 .1 3.2 3.8 3.5 2.5 1.5 90 72/ 71 62 56 59 63 56 76 73 1,12,02,4 .4 70/ 69 1.2 .1 90 • 3 108 68/ 67 108 117 66/ 65 .4 107 70 54 107 70 54 64/ 63 .6 62/ 61 60/ 59 53 53 77 56 58/ 57 56/ 55 2.1 .1 76 76 . 1 72 72 54/ 53 52/ 51 1.6 83 60 77 73 68 68 . 1 63 63 1.0 41 27 41 55 48 1,3 50/ 49 48/ 47 29 15 29 63 46/ 45 . 7 . 1 56 41 32 16 17 14 44/ 43 .3 11 46 42/ 41 11 . 3 40/ 39 38/ 37 36/ 35 36 . 3 34/ 33 28 22 32/ 31 30/ 29 28/ 27 26/ 25 20 17 13 24/ 23 24/ 20/ 19 18/ 17 1 16/ Σ_{χ^2} No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≤0 F ≤ 32 F ≥67 F ≥73 F ≥80 F ≥93 F Total Dry Bulb Wet Bulb Dew Point

CORPUS CHRISTI, TEXAS 12926 73-77 PSYCHROMETRIC SUMMA Temp. WET BULB TEMPERATURE DEPRESSION (F)

1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 ≥ 31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 2.729.320.615.412.9 7.4 4.7 2.6 2.0 1.2 1128 TOTAL . 4 .2 1128 1128 1128 0 0 Element (X) σ_{x} No. Obs. Mean No. of Hours with Temperature 72.4 19.774 61.5 8.946 56.2 9.313 Rel. Hum. 6350344 1128 ≤0 F ≥73 F Total 216.9 3.0 108.4 62.6 76.3 69335 61.5 8.946 63350 56.2 9.313 57861 51.3 12.633 672.0 4352023 3655572 1128 Dry Bulb Wet Bulb 0 **Dew Point** 3147877 1128

WEASERVEON

CURPUS CHRISTI, TEXAS 12926 STATION

Tomas			-				-	WET RU	LB TEMPE	RATURE	DEPRES	SION (F)					-	TOTAL		TOTAL	
Temp.		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10				Contract Income		21 - 22	23 - 24 2	5 - 26	27 - 28 29	- 30 ≥ 31	D.B./W.B.	Dry Bulb		Dew Point
	37							٠.				•1						1	1		
	85	-			. ,	• 1	• 1	11	-	• 1		-1	- 1	-	.2	-		7	7		
	81			.1	: 7	.5	: 2	•••	:1	: 1	:1	• 1	• 1		.1			25	25		
	79			.1	1.5	1.0	,1		.1	,2	, 2	• 2						40	40		
	77			, 9	1.6	. 9	. 3	2		.2	.1							53	53	3	
	75		1.0	2.5	1.5	.6	,2	.2		.2	. 2	•1						80	80		2
	73	.5	7.4	3.6		. 3	, 9	1 2	.2	,3		- 1			-		+	203	203	184	133
72/	9	1.0	7.7	3.1	1.0	.6	.2	.3	, 5	.1	: 2	•1						183	183	173	182
	57	1.0	4.0	2,7		.5	.7	.6	.2	, 2	- 1.							128	128	150	160
66/ 6	55	.9	2.7	1.5	1.0	.5	, 3	,6	, 3	.2								113	113	119	123
	53	. 2	1.4	.7	. 9	.5	.9	.6	. 2					-				62	62	86	102
	51		.6	, 3	1.0	. 3	.2	,2				-		-	-		-	33	33	53	50
58/ 5	59	.1	.6	. 5	. 8	.8	.6	.4	:1									47	47	63	38 42
	55	• 4	.6		,3	.3	,1		••								_	23	23	54	
	53		. 3	. 3	.6	. 2	. 1											22	22	51	43
52/ 5	51		. 4	. 2	. 2													10	10	42	40
	49		.1	. 6	.1													10	10	29	44
	47	• 1	• 1	40														10	10	23	32
	3	-		.2	.2									-	-	-		4	- 1	10	
	61			••	:1													i	i	15	19
	39																			4	24
38/ 3	37						0													1	10
36/	35																			1	10
	33	-						-							-		_				3
	29																				2
28/ 2	27						7														2
26/ 2	25																				1
OTAL		5.9	33.6	22.3	15.1	8.5	4.8	4.0	2.2	1.8	.7	• 7	• 2		.3			1240	1240	1240	1240
Element (X)		Σ_{χ^2}	E.74		Σχ		X	σ_{x}		No. Ol					Mean No.	of Hours wi	th Tempera	ture		
Rel. Hum				6044		9748	_	8.6	17,7			40	≤0 F	≤ 3:	2 F	≥67 F	≥73 F	≥80 F	≥ 93		Total
Dry Bulk	_		592	0068		8521		8,7	7,2		12			-	-	520.2	211,8		8	-	744.0
Wet Bull	b			5050 3012		7958: 7557:		4.2	10.5		12	40		-	4 -	373.2	58.8		-	-	744.0

NAVWEASERVCOM

Mean No. of Hours with Temperature

≥73 F

≥80 F

≥93 F

2

Total

0

0

12926 CORPUS CHRISTI, TEXAS PAGE 1 HOURS (L.S.T.) PSYCHROMETRIC SUMMA WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Point 92/ 91 .1 88/ 87 86/ 85 .2 . 1 13 13 84/ 83 81 79 82/ .6 . 2 .1 80/ 2 11 65 153 158 163 135 87 86 74 53 30 17 24 22 21 13 20 11 16 12 12 13 77 78/ . 1 52 102 195 183 165 119 93 63 .1 .2 189 172 154 73 71 69 67 172 .2 154 2,2 112 85 59 .5 70/ 112 85 59 28 20 25 10 . 1 65 28 64/ 63 .1 .5 58 31 30 30 19 14 3 62/ .1 20 25 10 5 60/ . 2 58/ 55 56/ .1 . 1 . 1 50/ .1 48/ 45 46/ 42/ 39 40/ 38/ 33 34/

50 F

≤ 32 F

NAVWEASERVCOM

32/

28/

Rel. Hum.

Dry Bulb Wet Bulb

Dew Point

29 30/

25 26/

0

0

12926 CORPUS CHRISTI, TEXAS 73-77 PAGE 2 PSYCHROMETRIC WET BULB TEMPERATURE DEPRESSION (F) TOTAL | TOTA TOTAL 2.530.223.616.110.2 7.0 4.1 3.2 1.6 .6 .2 1200 1200 1200 1200 SUMMU Element (X) 32 F = 67 F = 73 F = 80 F 627.6 417.0 85.2 492.6 212.4 1.2 4.8 412.2 185.4 1.2 7624307 93519 77,9 16,743 1200 SOF Rel. Hum. 87635 73.0 5.928 81703 68.1 6.835 77975 65.0 9.512 5442045 5618835 5175247 1200 720.0 Dry Bulb Wet Bulb 1200

267 F 273 F 280 F 732.0 671.4 343.2 667.2 485.4 37.8 599.4 395.4 34.2

≥93 F

Total

744.0 744.0 744.0

0

CORPUS CHRISTI, TEXAS 73-77 12926 PAGE 1 **PSYCHROMETRIC** WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 94/ 93 92/ 91 90/ 89 19 19 . 1 .1 SUMMA 86/ 85 . 1 104 104 .1 84/ 83 •1 130 130 81 171 208 82/ 5.2 3.9 2.5 208 80/ 5.0 3.1 2.7 77 78/ 202 202 88 129 129 278 76/ 153 102 229 233 231 152 80 74/ 102 71 72/ 32 23 32 70/ 69 81 60 39 68/ 67 23 85 0 66/ 65 36 24 17 64/ 63 62/ 61 39 24 22 16 14 60/ 59 58/ 57 10 55 56/ 54/ 51 52/ 50/ 49 48/ 47 TUTAL 1240 1.219.522.720.216.8 9.0 5.8 2.7 1.1 . 1 1240 .1 1240 1240 9 Element (X) X σ_{x} No. Obs.

1240

1240

1240

≤0 F

≤ 32 F

95122 76,7 13,661 97856 78,9 5,116 90782 73,2 4,826 87363 70,5 6,279

7528178

7754852 6675132

6203933

NAVWEASERVOOM

Rel. Hum.

Dry Bulb Wet Bulb

Dew Point

CORPUS CHRISTI, TEXAS 73-77 12926 PAGE 1 **PSYCHROMETRIC** WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 Wet Bulb Dew Point 98/ 97 .1 96/ 95 94/ 93 92/ 91 50 SUMM 90/ 89 107 107 . 1 159 88/ 87 159 132 2.2 132 85 86/ . 2 .1 84/ 83 190 82/ 81 233 233 36 164 164 274 133 244 262 1.4 78/ 77 3,5 1.2 85 85 286 . 2 .1 220 76/ 75 37 74/ 73 . 1 26 26 190 : 72/ 71 56 143 81 31 70/ 69 . 1 26 16 68/ 67 23 66/ 65 64/ 63 11 62/ 61 9 0 58/ 57 0 52/ 51 48/ 47 TOTAL .510.826.318.217.713.5 8.3 2.2 1.3 1200 1200 1200 1200 3 3 3 σ_{x} No. Obs. 90512 75,4 12,239 99866 83,2 4,469 92196 76,8 3,755 89024 74,2 4,920 7006626 1200 ≤0 F ≤ 32 F ≥67 F ≥73 F ≥80 F ≥93 F Rel. Hum. 720,0 714,0 582.6 700.8 642,0 174.6 673.2 570.6 102.6 720.0 8334964 7100328 1200 4.2 Wet Bulb 0 **Dew Point** 720.0 1200

2926 STATION	CO	KPUS	CHK	1211	TE TATION NA	NE XAS				73	-77	2-1-1-1		YE	ARS					JU.	***
																			-	PAGE	L.S.T.)
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10		13 - 14				21 - 22	23 - 24 2	25 - 26	27 - 28 29	- 30 2	:31	TOTAL D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
96/ 95						٠.			. 2									2	2		
94/ 93					-1	1.8	3.4	2.0	.3	.1			-	-+	_	-		94	94		
90/ 89					1.4	4.7	4.5	3.1	.3	.1								175	175		
88/ 67				, 5	4.0		1,5											136	136		
86/ 85			. 5	2,3	3.7		1.1	.1									-	136	136		
84/ 83	• 1	2.6	5.2	6.0		. 3												208	208	113	7
80/ 79	.3	2.3	4,4															129	129	352	96
78/ 77	.4	1.9	1.5	1.1														61	61	420	286
76/ 75	.4	.5	.4	. 1														17	17	218	359
74/ 73	• 1	• 2	1			-	-			-			-	-	-	-	-	5	1	99	143
70/ 69		• 1																	•	3	81
68/ 67																					20
66/ 65		_																			3
OTAL	1.3	8.7	20.1	20.2	14.8	15.8	11.8	6.0	1.0	. 2								1240	1240	1240	1240
-		_						-						-		-	-				
																	_				
						2.5															
				100																	
																				160	
																1					
El (W)		Σ_{χ^2}			Σ.,			0		N- C					Mann No	-6 Mc		h Temperat			
Rel. Hum.			7188		Σ _χ	8 7	73.7	11.8	18	No. Ob	_	≤OF	1 53	2 F	≥67 F	. of Ho√	_	≥80 F	≥ 93 (-	Total
Dry Bulb		890	6085		0494		4.6			12					744.0	743	1,4	665.	20	4	744.0
Wet Bulb		748	7028		9631	0 7	7.7	2,3	24	12	40					729	.0	155.	•		744.0
Dew Point		696	5902		9287	2 7	4,9	2.8	53	12	40				742.2	64	4	62.			744.0

CORPUS CHRISTI, TEXAS 12926 STATION

2926 STATION	CO	RPUS	CHR	IST	TATION NA	XAS				73	-77			YEA	. RS				AU	G
																			PAGE	L.S.T.)
Temp.								LB TEMPE									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14		17 - 18	19 - 20	21 - 22 2	3 - 24 2	5 - 26 2	27 - 28 29	- 30 ≥ 31	-	Dry Bulb	Wet Bulb	Dew Point
96/ 95								2.2	.7								63	63		
92/ 91	-				. 2	2.	3.3		.6	.1			-	_		_	109			-
90/ 89				-1	1.1	3.		1.1	••	• •							119			
88/ 87				.7	2.6												130	130		
86/ 85			1,3	2.7	6.6	4.0											194	194		
84/ 83		. 4	4,6	7,7	3.5												207	207	12	
82/ 81		1.5			1.6		-										212	212	110 315	8
80/ 79		1.8	5.0	2.1	.2												112	112	315	89
78/ 77		2.2	201	, 4			-					-	-			-	20	65 20	455 263	217 351
74/ 73	• 2	. 7	.6	.2						10							4	20	74	381
72/ 71	• •	, ,												+				- 1	10	
70/ 69																			1	38
68/ 67																				8
DTAL	.2	6.9	19.9	21.9	15.8	16.0	11.0	6.5	1.5	.2								1240		1240
																	1240		1240	
							-													
							-			-		-	-	-			-		-	
							-				-	-		-	-	-				
											-			-+						
							100													
Element (X)		Σ_{χ^2}			Σχ		X	σ _X		No. Obs						of Hours wi		_		
Rel. Hum.			2731		9057			11,2	68	124		≤ 0 F	≤ 33		≥67 F	≥73 F	≥80 F	≥93 1		Total
Dry Bulb			4055		0522		4.9		02	124	0		+ .	-	744.0	744.0	660,	6 40	. 5	744.0
Wet Bulb Dew Point			0494		9633 9282		74.9	2.1		124			-	-	744.0	737,4	155.			744.0
Dew Point		073	5547		7262		4.7	6.4	77	124	0				144.0	003,4	58.	6		744.0

12926 CORPUS CHRISTI, TEXAS

73-77

SEP

PSYCHROMETRIC SUMMA JAN 68

PAGE 1

Temp.								LB TEMPE										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pois
98/ 97											•1	.1	:1					3	3		
94/ 93					. 2	1.7	2.4	,6	.2	.2								16	16		
90/ 89				.1			1,6	.6	.3	.1	•1	•1						83	83		
86/ 85			.5	2.2	3.6	3.8	,3	.4	.2	12	•1				+	-	+	131	114		
84/ 83		• 1	5.2	8.0	2.9	1.2	.1	.2	.2	.2	.1						-	217	217	5	
80/ 79	.2	2.5	4.1	2.7	.5	. 8	,2		.2	.3	•1							144	144	257	6
78/ 77	.2	1.7	2.0	1.2	.7	, 5	.2	.6	.3									88 58	88 58		
74/ 73	. 1	.3		.5	.6	.4	.2	, 2	- 1				0.70					34	34	100	21
72/ 71	•1	• 2	.6			. 4	.2											32	25	47	4
68/ 67		•1	.1	. 2	.2	.2									-		-	12	12	35	3
64/ 63			••	-1	••													ī	i	31	3
62/ 61																				30	
58/ 57																				3	2
54/ 53		3.4																			1
52/ 51															-	-					1
48/ 47 DTAL	C	4 4	20 4	22 8	18.0		7' 2	4.7			.6	-	.1				-		1200		120
	••	0.0	20.7	22.7	10.0	13.0	7.2	7.1	1.,,	1.3	••	•2	••				-	1200	1200	1200	
		ν. 2			Ÿ.																
lement (X)		Σχ²			Σχ		X	σ _x	-	No. Ob			-		_			h Temperat		- 1	
Rel. Hum.			6673		8706			12,8		12		±0 F		32 F	≥ 67 F		≥73 F	≥80 F	≥93	_	Total
Dry Bulb			5397		9882		2,4	5,5		12			-					534,0			720.
Wet Bulb Dew Point			9153		9037 8655		2.1	6.7		12			-		599		523.8	118.	-	-	720.

WEASERVCOM

5 PSYCHROMETRIC SUMM

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12926 CORPUS CHRISTI, TEXAS 73-77
VEARS

PAGE 1

Temp											DEPRESS								TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - :	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
									:1										1	1		
2/	91							,2								-	-	-	3	3	-	-
10/	89				,	. 2	1.9		.6										11	11		
16/	85			.1	. 5	1.2		1.3		.6		7						+	61	61		
14/	83		.1	. 3	1.3	1.2	1.1	1,3	1.0	.6	:1								86	86		
2/	81		. 2	.7	2.6	1.4	1.5	,7	1.1		.1	.2							107	107	8	
0/	79		1.0	2.2	2.9	1.6	1.5	,9		2	.2	•1	•1					-	135	135	37	
8/	77	• 2	1.4	2,2	3,2	3.0	1.1	1,0	.6		.2								159	159		
6/	75	. 2	2.0	1.9	3.3	1.4	1.0	, 2	- +1	* 1	.2						-	-	118	118	104	
2/	71	. 1	1.0	1.4	1.0	. 9	.6	. 8	.2	.2			1000						97	97	157	
	69	.3	1.1	1.6		1.0	,4	,2	.2	.3								1	82	82		
	67		. 9	2.2	. 8	,6	.6	.3	.1										67	67	131	
	65	.1	.5	.3	.5	.5	.2	,1	. 2										33	33	97	12
	63		.5	.2	.6	.2	.2	.2											22	22	79	
	61	. 1	.5	.4	.5	.2	. 2		• 1								1.		25	25	46	
8/	57	-	• 1	. 4	,4	.2	•1	. 2					-				-	-	17	17	34	
6/	55		. 6		.1	••	• •												14	14	28	
	53		• 3	.4	.1	•1											-	1	11	11		
2/	51		. 3	- 1	. 2														7	7	17	
0/	49		.1																1	1	14	1
8/	47				2 14																6	_
6/	45							4													2	1
4/	41	- 1							-								-		1	1		_
	39	• 1					1000														1	1
	37																					•
	35																					
TAL		1.0	11.9	18.1	22.9	16.0	12.6	8.9	5.5	1.9	.6	.3	•1							1240		123
_	-																-	-	1240		1240	
			V 2								N 6											
el. Ho	-		Σχ²	0774		Σ _χ 8840	2 7	X	14.5	RA	No. Ob		≤OF	1	32 F	Mean ≥67		f Hours wit ≥73 F	h Icmperat	bure ≥ 93 I		Total
ory Bu	_			3425		9330			7.6		12		201	+	32 7		_	511.2				744.
Vet B				2774		8496			7.0		12							234.6				744.
ew Po	pint			8365		8016		4.7	8.5		12				Time			159.7	4.0			744.

_																			HOURS (L,S.T.)
-	0	1 - 2	3 - 4	5 - 6	7 - 8			B TEMPE				21 - 22 2	3 - 24 25 -	26 27 - 21	20.30	2 ≥ 31	D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Daw Poin
5	-	-	3 4	3.0		. 2		10 - 14	13 - 10	17 - 10	17 - 20	-11		20 27 - 20	,,,,,		9	9	Wel bolb	Dew Tolli
3				. 2	1.2	.5	: 2										24	24		
1			.7	1.1	1.8	. 8	.5	.3	.1		•1						65	65		
•		.3	1.3	1.2	. 4	. 9	,2	.2	. 2								57	57	3	
7		.7	3.7	1.6	.8	. 2	. 5	. 2	, 1								94	94	26	3
3		2.4	3.6	. 8	. 6	,2	,4	.2	.4	.1				-	1		106	106	72	32
3		2.2	3,2	. 9	.5	, 5	.3	,2	. 1								95	95	127	83
,	• 7	1.3	1.7	• 1	. 8	, 5	.2	.2	.2	•1	•1	-		+-	-		79	79	110	101
,	.5	1.2	2.5	1.3	1.0	. 4	.2	.1	.2		- 1						91	91	80	118
5		1.3	1.5	1.0	.2	.2	,2		. 2	.2	•1				1	1	61	61	80	52
3	. 3	1.2	. 7	1.4	1.1	. 9	,5	. 2	. 2	.1							80	80	83	85
ı	.1	. 8	,6	1.5	.5	. 2	.2		. 2	.1							52	52	58	53
)	.2	.6	1,1	1,2	.4	, 5	,4	.7									61	61	61	54
!		• 7	1.3	. 8	• 2	• 2	.3	. 2									44	44	57	58
5	• 1	.5		, 2	. 3	• 1	,6	. 2				-		-	+	+	33	28	55	50
		. 6	1.3	.3	.6	. 2	,3										40	40	58 39	52
•		.7	, 3	.1		. 2	.2							+	-	+	20	20	34	48
7		. 2	. 3	. 2	.4	. 2											16	16	49	29
5		.7	. 2	.1	.2												14	14	36	45
3		.1	. 3		.1	.1										1	7	7	24	26
		.5	.2	.2	. 1												13	13	23	28
7	-	.2		.2	• 1	-								+	+	+	6	4	17	21
5		• 1	1		. 2												5	5	17	16
3		• 1	.1		•									_		+	2	2	4	21
		. 2															2	2	5	17
9																			4	13
7														-	-	-	-		1	15
3																				13
	-											+		+	-	-	+			2
9																				3
		Σ_{χ^2}			Σχ		X	σ_{x}		No. Ob	os.			Mean	No. of	Hours w	ith Temperat	ure		
I												≤0 F	≤ 32 F	≥ 67	F	≥73 F	≥80 F	≥93 F		Total
+							1216										-	-		
1									-								-	-	_	

72.0

12926 CORPUS CHRISTI, TEXAS 73-77 NOV PAGE 2 PSYCHROMETRIC SUMMA TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Dry Bulb Wet Bulb Dew Point 18/ 17 16/ 15 14/ 13 TOTAL 1200 1200 2.219.028.616.613.6 8.2 5.7 3.2 2.2 1200 1200 TIME 0949 Element (X) No. Obs. 87681 73.1 17.329 80787 67.3 10.577 74164 61.8 10.924 69041 57.5 13.733 6706687 5572943 4726678 4198351 1200 1200 . ≤0 F ≥67 F ≥73 F ≥80 F ≥93 F Rel. Hum. Total 1,2 427,2 270.0 6,0 297.0 136.8 47.4 247.8 100.8 720.0 720.0 720.0

1200

NAVWEASERVCOM

Dry Bulb

Wet Bulb Dew Point

PSYCHROMETRIC SUMMA JAN 68

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CORPUS CHRISTI, TEXAS 12926 73-77 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Wet Bulb Dew Poin 92/ 86/ 85 84/ 83 17 26 20 47 64 86 80/ 75 73 71 69 20 76/ .1 1 19 45 64 58 89 63 59 76 78 89 96 90 94 77 68 44 25 15 12 14 74/ 27 41 59 64 61 63 53 70 73 74 67 61 49 44 36 26 22 12 72/ 64 86 70/ 2.2 80 85 86 76 88 83 90 82 71 42 46 24 17 68/ 67 80 85 88 76 88 83 83 83 90 82 71 42 46 24 17 65 63 61 59 57 55 53 51 49 60/ 56/ . 2 2.5 50/ . 1 43 39 40/ 31 32/ 30/ 27 28/ 10 26/ 23 24/ Σ_{X}^{2} σ_{x} No. Obs. Mean No. of Hours with Temperature ≤ 32 F ≥93 F Total ≤0 F ≥73 F Rel. Hum. Dry Bulb Wet Bulb **Dew Point**

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CORPUS CHRISTI, TEXAS

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMA

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PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Dry Bulb Wet Bulb Dew Point 20/ 19 18/ 17 16/ 15 14/ 13 10/ 8/ TOTAL .729.421.217.613.8 7.7 5.0 2.9 1.0 1240 1240

73-77

No. Obs. Element (X) 89439 72.1 18.310 74424 60.0 9.566 68064 54.9 9.869 62073 50.1 12.878 6866483 4580274 3856744 1240 ≥73 F ≥80 F Rel. Hum. ≤0 F ≥93 F Total 70.2 12.0 6.0 .6 208.2 6.0 112.2 65.4 76.8 744,0 744,0 744.0 1240 1240 1240 9,6 Wet Bulb 3312809 **Dew Point**

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92 72

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PSYCHROMETRIC

SUMMA

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Poin 98/ 97 .0 .0 96/ 95 94/ 93 117 117 92/ 91 320 320 90/ 89 514 514 .0 .0 .0 88/ 87 86/ 85 .0 786 786 83 096 096 .0 .0 81 1308 1308 68 82/ .0 .0 .1 . 1 79 1320 1101 439 80/ .0 .0 . 9 .0 1010 1010 .1 1102 75 73 .2 824 .0 .0 .1 810 810 .1 .0 .0 71 790 790 1016 72/ .0 914 70/ 69 764 764 1134 . 1 .0 . 1 .0 68/ 67 655 655 857 .0 .0 65 566 566 684 693 1.2 .1 622 471 446 64/ 63 466 466 625 62/ 61 60/ 59 .0 .0 356 356 520 . 3 395 395 467 57 .3 .0 .0 318 318 420 413 294 323 294 392 329 53 323 390 372 385 418 .0 51 357 351 294 294 52/

73-77

CORPUS CHRISTI, TEXAS

82 34/ 33 32/ 31 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≤0 F ≤ 32 F ≥73 F ≥80 F ≥93 F Total Dry Bulb Wet Bulb Dew Point

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STATION		DRPUS		•	TATION NAM	IE.					•77			,	YEARS					DACE	2
																				PAGE	(L.S.T.)
Temp.								LB TEMPE										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6		9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 2			.0	.0														6	6	14	
28/ 2		+	.0	.0						-	-			-	-			3	3	8	57
24/ 2																					64
22/ 2																			13-1-13		31
20/ 1	9																				32
18/ 1	7																				21
16/ 1	5	+								-				-							9
14/ 1																					13
10/		1												-							2
8/	,																				2
OTAL	2.	020.4	22.2	18.6	13.9	10.2	6.6	3.6	1.5	.6	• 3	• 1	.0	.0				The same and	14608		14607
	+	+										-		-	-		-	14608		14608	
	+	+							-	-	-			-							
	+	+											1000	-	-	-					
												7									
	-																				
	-	+					_							-							
Element (X)		Σ_{χ^2}			Σχ		X	σ _x		No. Ob								h Tempera			
Rel. Hum.	-		1720	10	8850	7	4.5	15.7	13	1460		±0 F		≤ 32 F	≥67		73 F	≥80 F	≥93 F		Total
Dry Bulb Wet Bulb	+	5009	4838	10	82310	7	3.0	12.2	10	1460			+	40.2	D943	. 751	44.0	654.	6 78	0 5	760.0
Dew Point	1		5853		3090	6	3.7	13.5	9	1460			2	90.0	4903	.633	26.5	306.	5	1	760.0
										175									-	-	- 4414

MEANS AND STANDARD DEVIATIONS

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DRY-BULB TEMPERATURES DEG E FROM HOURLY DESERVATIONS

12926

CORPUS CHRISTI, TEXAS

73-77

YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN S. D.	9,672		66.7 5.772	70.6				2,151	80.4		9,056		70.8
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
	MEAN	53.3	57.7	25-14-27-28-17-17-17-17-17-17-17-17-17-17-17-17-17-	70:1	75.6	79.9	80.9	81:1	78.9	71.7		57.1	69.8
03	S. D. TOTAL OBS	9,960		6,131	150	4,278	150	1,757	21479	4,629	155	150		11.554
	MEAN	52.4	56.8	65.1	69.4	74.9	79.2	79.7	80.1	77.5	70.8	63.8	55,9	68,8
06	S. D. TOTAL OBS	155		155	150	155	150	155	21270	150	155	150	9.340	11.646
-0	MEAN	53.8	59.9		73:1	80.1	85.0	86.0	80.0	82.3		67.1	58,2	72.9
09	S. D. TOTAL OBS	10,175	141	155						150	155	150		1826
	MEAN	39.0	66.0	72.5	77:3	83.1	87.6	89.5	89.0	86.7	79.9	71:1	63,9	7712
12	S. D. TOTAL OBS	11,790	141		150	155	150	155	133	150	1155	150	10,190	1826
	MEAN	61.1		74.0	77.7	83.5		89.7	89,5	87.4	80,5	72.2	65,8	78,1
15	S. D. TOTAL OBS	11,514		7,381	150					4,243	135	10,683	155	11.896
	MEAN	37.5	63.9	70.5	74.3	80.5	84.8	86.5		84.2	76,5			74.6
16	S. D. TOTAL OBS	9,524	7,189	6,218	A	3.400	3.056	2,100	21307	3,473	155	150		11.521
	MEAN	35.5	60.7		71:0	77.4		82.8		81.3	74.3	66.2	59,6	71.9
21	S. D. TOTAL OBS	9,383								3,720	0,159	150		11,130
	MEAN	55.9		68.7							75,2	67,3		73.0
HOURS	S. D. TOTAL OBS	10.632	8,946	7,222	5,928	5.117	1200	4,364	4,503	5,586		10,578	9,567	14608

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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG ! FROM HOURLY DESERVATIONS

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5450	CUI	CAOS CHI					73-	"						
STATION			\$1	ATION NAME						YEARS				
IRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ANNUAL
00	MEAN S. D. TOTAL OBS	51.4 10.705 155	55.5 9.162 141	63.6 7.317 155		72.7 4.684 155	THE R. P. LEWIS CO., LANSING,	77.2 2.103 155	77.3	74.9 5.256 150		61.6 10,735 150		11.50
03	MEAN S. D. TOTAL OBS	50.7 10.932 155	54.5 9.677 141	62.8 7.661 155			76.0 3,575 150			74.3 5,220 150		61.0 11.059 150		11.70
06	MEAN S. D. TOTAL OBS	49.9 10,761 155	53.4 9.534 141	62.3 8.258 155	66.4 7.262 150					73.7 5,442 150	7,429	60.5 11.099 150		65.1 11.9 18
09	MEAN S. D. TOTAL OBS	51.0 10.979 155	55.6 9.855 141	63.9 8.328 155			77.6 3.620 150					61.9 11.506 150		67. 12.1 18
12	MEAN S. D. TOTAL OBS	53.5 11,188 155	57.9 9.352 141	65.6 8.203 155		74.4 4.710 155	3,664		21049			63.0 11,051 150		68. 11.5 18
15	MEAN S. D. TOTAL OBS	54.4 10,678 155	58.6 8.857 141	7.910 155	100	74.5 4.535 155			2,120			63.3 10,487 150		68. 11.0 18
18	MEAN S. D. TOTAL OBS	52.9 10.133 155	57.5 8,360 141		6,312	73.6 4,388 155	3,591	78.0 2.068 155	1,828			61.8 10,542 150		67. 11.0
21	MEAN S. D. TOTAL OBS	52.3 10.378 155			6,523		3,589	77.2 2.200 155	1,801	74.9 5,060 150	6,691	61.5 10,856 150	55.1 9,262 155	11.1
ALL	MEAN S. D. TOTAL OBS	52.0 10.792	56.2 9.313		68.1	73.2 4.827		77.7			68.5 7.022 1240		54.9 9.870 1240	11.5

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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CORPUS CHRISTI, TEXAS

73-77

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HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	48.1	51.9	61.4	65.3	70.9	74.4	75.3	75.2	72.4	65,2	58.3	50.3	64.1
00	S. D.	13.509	The second second	The second second			4.918	2,698	2,201	6.718	8.373	3,358	12.261	13,28
••	TOTAL OBS	155	141	155	150	155	150	155	155				155	182
	MEAN	47.7	51.3	60.5	65.1	70.4	74.4	75.1	75.2	72.1	64.9	58.0	49.7	63.8
03	S. D.	13.545	12.434		9.370	6.151	4.538	2.705	2,311		8,415	13,491	12,467	13.47
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	182
			-											
	MEAN	46.9	50.0	60.2	64.4	70.1	74.1	74.8	74.9	72.0	64,2	57.7	49.1	63,3
06	S. D.	13.329	12.312	10.370	9.583	6,139	4.766	2,797	2,329	6,656	8,706	13,557	12.804	13.70
	TOTAL OBS	155	141	155	150				155	150	155	150	155	18
	MEAN	47.8	51.3	61.1	64.7	70.8	74.6	75.2	75,5	72.6	65.0	57.9	50.0	63.9
09	S. D.	13,593	13.121	10.815	9,932	6.128	4.795	2.708	2,539	6,870		14,089		13.79
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	188
											44.6			
	MEAN	48.5	50.9	60.9	64.8	70.4	74.2	74.7	74.7	72.3	64.9	57.1	49.8	63.
15	S. D.	13,595	The state of the s				5.059		21450	6,975		13,928		13.7
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	18
	MEAN	40.0	P1'0	40.0	40'0	90 0	91'0	74 8	74.3	71 0	64.4	56.9	50.1	63.
-41	S. D.	48,3	51.0		65.0	70.3	74.0	74.5		71.9				13.6
42	AND	13,535							21684	7,176		13,742	155	18
-	TOTAL OBS	155	141	155	150	155	150	199	100	130	100	130	100	101
	MEAN	48.2	51.7	61.0	65.0	70.3	73.7	74.6	79.3	71.7	64.1	56.9	50.7	63.0
18	S. D.	13.018			And the second second			# No. 18 (19)	2,400	1 7 7 4			7 4	13,30
1.0	TOTAL OBS	155	March Committee of the											18
	TOTAL ODG	193	474		100		130							•
A STATE	MEAN	48.9	52.4	61.5	65.5	70.5	74.1	75.0	74.5	71.9	64.8	57.6	50.8	64.
21	S. D.	12,938			The second secon			A ST DE SECTION	2,317		8,275	13.780	12.420	13.0
-	TOTAL OBS	155							155		155			18
			-											
411	MEAN	48.0	51.3	60.9	65.0	70.5	74.2	74.9	79.9		64.7	and the second second		63,
HOURS	S. D.	13,359	12.634	10.507	9,513	6.280	4,920	2,854	24439		6,577	13,733	12,679	13.5
HOURS	TOTAL OBS		1128							1200	1239	1200	1240	1460

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CORPUS CHRISTI, TEXAS

73-77

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MORINI	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JAN	00	100.0	100.0	100:0	98,7	92.9	84,5	77.4	58,7	32.3	60,7	159
	03	100.0	100,0	100:0	99.4	93.5	88,4	81.9	67,7	34,8	82,3	159
	06	100.0	100.0	100:0	99,4	95,5	89,7	81.3	58,4	35,5	8,58	15!
	09	100.0	100,0	100.0	96,7	94.2	85,2	80.0	63,2	31.0	81,4	159
	12	100.0	100.0	98.7	91.6	83.9	72,9	55,5	32,9	11.0	70,6	159
	15	100.0	100.0	95.5	87.1	77.4	65,2	45.2	26,5	6.5	65,9	159
	18	100.0	100,0	99:4	95,5	88.4	76,1	60,6	43,2	11.6	73,3	15
	21	100,0	100.0	100.0	98,1	92.9	87,1	79,8	56,1	25,2	79,8	155
тот	ALS	100.0	100.0	99:2	96,1	89.8	81.1	69.0	52,1	23,5	77,1	124

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CORPUS CHRISTI, TEXAS

73-77

FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOT	ALS	100.0	99.1	96.8	91.5	83.4	73.2	90.7	43,3	17.1	72,4	112
							,					
	21	100.0	100,0	100:0	95,0	88.7	78,7	68.1	52,5	21.3	76,3	14
	18	100.0	99,3	95.0	87.9	78.0	66,0	54.5	35,5	3,5	67,5	14
	15	100.0	95.7	89:4	80,1	65.2	56.0	30,9	14,9	3,5	59,3	14
	12	100.0	97.9	91:5	81.6	73.0	57,4	35,3	18,4	3,5	61,6	14
	09	100.0	100,0	98.6	95.0	87.2	78,7	65,2	46,8	21,3	75,4	14
	06	100.0	100.0	100:0	97.9	92.9	83,7	75.2	59,6	28,4	79.6	14
	03	100.0	100.0	100.0	98,6	92.2	83,0	77.3	62,4	30,5	80,7	19
EB	00	100.0	100.0	100.0	95,7	90.1	82,3	72,3	56,0	24.8	78,6	19
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
монтн	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN RELATIVE	TOTAL NO. OF

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CORPUS CHRISTI, TEXAS

73-77

PERIOD

MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

тот	ALS	100.0	99,7	98.7	94,9	89.8	84-1	79.5	57,3	20.5	78,6	1240
			N N									
	21	100.0	100.0	100:0	98,1	92.9	89.7	72.4	71,0	32,3	82,4	155
	18	100.0	100.0	98.1	89.0	85.2	78,1	74.3	53,5	14.2	74.7	155
	15	100.0	98,1	94.8	86,5	79.4	71,6	55.5	21,3	3.2	66.7	155
	12	100.0	99.4	97:4	91.6	81.9	74.2	67.3	24,5	5,8	69,5	155
	09	100.0	100.0	99.4	98.1	93.5	84,5	75.1	67,7	32.9	81,2	155
1	06	100.0	100.0	100:0	99,4	95.5	92,3	83.2	74,8	42.6	85,3	155
	03	100.0	100.0	100:0	98.7	94.2	89.7	83,2	72,9	43,2	84.7	155
MAR	00	100.0	100.0	100.0	98,1	95.5	92,3	84,6	72,9	38.1	84,5	155
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL

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CORPUS CHRISTI, TEXAS

73-77

APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOT	ALS	100.0	100.0	98:9	95,8	91.3	84,2	73.8	55,1	22,2	77.9	1200
			=	-								
	21	100.0	100.0	100:0	97.3	94.7	89,3	92.0	68,7	31,3	82,1	15
	18	100.0	100.0	99:3	95,3	90+0	81,3	65.7	48,7	9.7	74,6	15
	15	100.0	100.0	96.7	92.7	82.0	67,3	53,3	17,3	5,3	67,2	15
	12	100.0	100,0	96:0	92,7	84.7	71,3	51.3	18,0	5,3	67.4	15
	09	100.0	100.0	99:3	94.7	91.3	88.0	74.0	51,3	16.0	76,9	15
	06	100.0	100.0	100:0	98.7	94.7	90.0	50.0	80,7	42:7	85,4	15
	03	100.0	100.0	100:0	97.3	95.3	93,3	88.7	78,7	38.0	85,5	15
APR	00	100.0	100.0	100.0	98.0	97.3	92,7	80,0	77,3	32.0	84,4	15
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL

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CORPUS CHRISTI, TEXAS

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GRI	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
MAY	00	100.0	100.0	100.0	100,0	99,4	97.4	80.4	67,7	27.7	83,7	15
	03	100.0	100.0	100:0	100,0	100.0	96,1	92.9	72,9	33,5	84.9	159
	06	100.0	100.0	100:0	100,0	100.0	96,8	92,9	74,2	33,5	85.6	159
	09	100.0	100.0	100.0	100.0	98.1	90.3	64.5	30,3	7:1	74,2	159
	12	100.0	100.0	100:0	97.4	91.6	69.7	36.1	11,6	2,6	66,7	159
	15	100.0	100,0	96.7	94,8	88.4	71.6	40.0	10,3	1,3	65,9	159
	18	100.0	100.0	100:0	96,8	92.3	85.2	60,5	26,5	5.2	72,5	159
	21	100.0	100.0	100:0	100,0	97.4	92,9	61.3	55,5	21,9	80.2	15
												4
тот	ALS	100.0	100.0	99,8	98,6	95.9	87,5	70.6	43,6	10.6	76,7	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JUN	00	100.0	100.0	100.0	100.0	99.3	96.0	92.0	62,7	18.0	81,9	15
	03	100.0	100.0	100:0	100.0	100.0	97,3	99.3	74,7	21,3	84.0	15
	06	100.0	100.0	100:0	100,0	98.7	97,3	90,7	82,0	28.7	85,2	15
	09	100.0	100.0	100:0	99,3	96.7	90,7	59.3	14,7	2.7	71,8	15
	12	100.0	100.0	99:3	98.0	96.0	72,7	55.0	6,0	1.3	65,3	15
	15	100.0	100.0	100:0	97.3	90.7	70,7	25,3	10,0	5,3	65,8	15
	18	100.0	100,0	100:0	98.0	94.0	88,0	55.7	11,3	2.7	70.4	15
	21	100.0	100,0	100:0	100,0	97.3	95,3	65,3	44,7	9:3	79,0	15
тот	ALS	100.0	100.0	99:9	99,1	96.6	88,5	60,3	30,3	11.2	75,4	120

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CORPUS CHRISTI, TEXAS

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	CY OF RELATIV	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JUL	00	100.0	100.0	100:0	100.0	100.0	100.0	99.2	49,7	10.3	80,8	159
	03	100.0	100.0	100:0	100.0	100.0	100,0	97.4	61,9	18.7	83.0	15
	06	100.0	100,0	100.0	100.0	100.0	100.0	94.7	76,8	27.7	85,4	15
	09	100.0	100.0	100:0	100.0	100.0	91,0	41.9	12,9	4.5	70.7	155
	12	100.0	100.0	100:0	100,0	94.8	52,3	12,5	5,2	3,9	62,5	155
	15	100.0	100,0	100:0	100.0	95.5	45,2	10,3	4,5	3,2	61.7	155
	18	100.0	100,0	100.0	100,0	100.0	90,3	27.7	6,5	3.2	68,2	155
	51	100.0	100.0	100.0	100,0	100.0	100.0	eă.o	27,1	6,5	77,7	155
	۲.											
тот	ALS	100.0	100,0	100:0	100,0	98.8	84,9	37,3	30,6	9.8	73,6	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIV	HUMIDITY GRI	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
AUG	00	100.0	100.0	100:0	100.0	100.0	100.0	92.9	43,2	5,2	79,1	15
	03	100.0	100.0	100.0	100.0	100.0	100.0	90.8	60,0	12.3	82,6	159
	06	100.0	100.0	100.0	100,0	100.0	100,0	95.7	69,0	23,9	84,6	15
	09	100.0	100.0	100.0	100.0	99.4	92,3	27.1	16,1	4.5	71.6	159
	12	100.0	100.0	100:0	100,0	96.1	49,0	13.5	5,8	3,2	62,2	155
	15	100.0	100.0	100:0	100.0	93.5	47.1	2.7	3,2	.0	61,0	15
	18	100.0	100,0	100.0	100,0	100.0	90,3	29.7	3,2	,6	67.4	15
	21	100.0	100,0	100:0	100.0	100.0	100,0	79.8	17,4	.6	75,7	15
i												
тот	ALS	100.0	100,0	100:0	100.0	98.6	84,8	50.2	27,2	6.4	73,0	124

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CORPUS CHRISTI, TEXAS

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
монн	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
SEP	00	100.0	100,0	100:0	100,0	97.3	91,3	80.7	38,0	0.0	77,3	150
	03	100.0	100.0	100:0	100.0	100.0	96,0	90,0	53,3	12.7	80,3	150
	06	100.0	100.0	100:0	100,0	100.0	97.3	90,0	68,7	26.7	83,7	150
	09	100.0	100.0	100:0	99,3	98.0	88,0	61.3	22,7	5.3	73,3	150
	12	100.0	100.0	100:0	94.7	85.3	63,3	22,7	5,3	2.7	63,4	150
	15	100.0	100.0	100:0	92.0	84.0	62,0	12,3	2,7	.7	61.4	150
	18	100.0	100,0	100:0	95,3	88.7	84,0	42,3	4,7	.7	67,3	150
	21	100.0	100,0	100.0	100.0	95,3	89,3	72.0	24,0	5.0	73,8	150
тот	TALS	100.0	100,0	100:0	97,7	93.6	83,9	60,2	27,4	7:1	72,6	120

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

тот	ALS	100.0	100,0	99,6	97.4	90.3	77.6	54.9	28,1	8.0	71.4	1239
								-				
	21	100.0	100.0	100.0	98,7	95.5	88,4	64.5	27,1	6.5	73,3	159
	18	100.0	100,0	100.0	96,1	87.1	69,7	49,2	13,5	3.9	67,1	159
	15	100.0	100.0	97.4	91.0	73.5	49,7	19.7	5,4	2.6	59,9	15
	12	100.0	100.0	99.4	95,5	78.1	52,3	\$7.3	9,7	2,6	61,6	15
	09	100.0	100,0	100:0	98.7	94.2	80.0	21.0	\$2,6	7.7	71,4	15
	06	100.0	100.0	100:0	100.0	98.7	94,2	83,2	53,5	14.8	80,6	159
	03	100.0	100.0	100:0	100,0	98.1	94,2	81,3	51,6	15,5	80,1	15
DCT	00	100.0	100.0	100:0	99.4	96.8	92,2	75.3	38,3	10.4	76,8	150
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GRE	EATER THAN			MEAN	TOTAL

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CORPUS CHRISTI, TEXAS

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MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	(L.S.T.)	10%	20%	30%	40%	50%	HUMIDITY GRI	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
NOV	00	100.0	100.0	98.7	96.0	92.7	89,3	77.3	57,3	20.0	78,7	150
	03	100.0	100.0	100:0	97.3	96.0	86,7	77,3	65,3	18.7	80,3	150
	06	100.0	100.0	100:0	97,3	94.7	88,7	82,3	69,3	24.0	81,6	150
	09	100.0	100.0	99,3	96.7	91.3	81.3	00.0	42,7	10.0	74,0	150
	12	100.0	100.0	98:0	87,3	76.0	62,7	35,3	16,0	2.7	63,5	150
	15	100.0	99,3	95:3	85,3	73,3	57,3	30,0	10,0	1,3	61,0	150
	18	100.0	100.0	97:3	90,7	84.0	76,0	57.3	34,7	6.0	70,1	150
	21	100.0	100,0	97:3	94.0	91.3	84,7	70.7	53,3	11,3	75,4	15
										,		
	2											
TOTALS		100.0	99.9	98.2	93.1	87.4	78,3	62.7	43,6	11.8	73,1	120

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CORPUS CHRISTI, TEXAS

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STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MEAN RELATIVE HUMIDITY TOTAL NO. OF OBS. PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN HOURS (L.S.T.) HTHOM 10% 20% 30% 40% 60% 70% 80% 90% 98.7 07.1 54,2 76,5 DEC 00 100.0 100.0 96.1 91.0 82,6 16.1 155 98.7 96.8 83,2 69.7 58,7 20.0 78.1 03 100.0 100.0 92.3 155 06 100.0 100.0 100.0 98.7 92.9 86.5 73.5 58,7 24,5 79,3 155 64.5 20.0 09 100.0 100.0 100:0 98.1 92.3 80.0 45,2 75.6 155 89.7 30.1 18,1 155 12 100.0 100.0 96.1 72.9 53,5 4.5 62.6 94.2 79.4 32,9 100.0 100.0 50,3 15,5 3,2 60.1 155 15 65.8 60,0 97:4 99,4 67.7 34,8 8,4 70.3 100.0 92.9 155 18 83.9 98:7 96.1 77.4 47,7 15.5 74.0 155 00.5 21 100.0 100.0 89.0 100.0 99,9 98.0 93,5 85.0 72,7 30,8 41,6 14.0 72,1 1240

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CORPUS CHRISTI, TEXAS

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
JAN	ALL	100.0	100.0	99:2	96.1	89.8	81,1	69.8	52,1	23.5	77,1	1240
FEB		100.0	99.1	96.8	91.5	83.4	73,2	60.7	43,3	17.1	72,4	1128
MAR		100.0	99,7	98:7	94.9	89.8	84.1	74.5	57,3	26.5	78,6	1240
APR	*	100.0	100.0	98.9	95.8	91.3	84,2	72.8	55,1	22.2	77,9	1200
MAY		100.0	100.0	99.8	98,6	95.9	87,5	70.6	43,6	16,6	76,7	1240
JUN		100.0	100.0	99;9	99,1	96.6	88,5	60.3	38,3	11.2	75,4	1200
JUL		100,0	100,0	100.0	100.0	98.8	84,9	99,3	30,6	9.0	73,8	1240
AUG		100.0	100,0	100:0	100.0	98.6	84,8	55.2	27,2	0.4	73,0	1240
SEP		100.0	100,0	100:0	97.7	93.6	83,9	00,2	27,4	7:1	72,6	1200
OCT		100,0	100,0	99:6	97,4	90,3	77,6	34.9	28,1	8.0	71,4	1239
NOV	V	100.0	99,9	98,2	93,1	87.4	78,3	02.7	43,6	11,6	73,1	1200
DEC		100.0	99,9	98:0	93,5	85.0	72,7	50,0	41,6	14.0	72,1	1240
101	TALS	100.0	99,9	99.1	96,5	91.7	81,7	99.2	40,7	19.5	74,5	14607

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WIND DIRECTION

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5709 FREQ. CHETEMP. VS. WIND DIR. JAN. 68

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CORPUS CHRISTI, TEXAS JAN 1973-DEC 1977

					WIND DIR	ECTION	-				
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	ssw & sw	wsw & w	WNW 8 NW	CALM	TOTAL FREQ.	% OF TOTAL
122+			1								
117 10 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	5.6	5.6		33.3	38.9		5.6	11.1		18	1.5
72 TO 76	1.9	5.8	9.6	42.3	32.7		1.9	3.8	1.9	52	4.2
67 TO 71	4.2	6.3	11.2	35.7	32,2	3.5	3.5	3.5		143	11.5
62 TO 66	8.5	10.4	7.5	24.9	31.3	4.0	1.5	6.5	5.5	201	16.2
57 TO 61	21.8	18.8	13.7	13.2	8,1	2.5	1.5	7.6	12.7	197	15.9
52 TO 56	34.5	18.4	8.7	7.8	5,8	1.5	2.9	8.3	12.1	206	16.6
47 TO 51	44.4	11.1	4.1	1.8	5,8	2.9	5.3	13.5	11.1	171	13.8
42 TO 46	56.0	17.2	,9	1.7	6,0	1.7	3.4	7.8	5.2	116	9.4
37 TO 41	52.3	25.0	3.4		4,5	4.5	1.1	8.0	1.1	88	7.1
32 TO 36	48.5	5.7		2.9	2.9	5.7	8.6	25.7		35	2.8
27 TO 31	61.5							38.5		13	1.0
22 TO 26											
17 TO 21											
12 TO 16											i
7 TO 11											
2 10 6			100								
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29					. 3						
-38 TO-34											
-43 TO-39											
-48 TO-44						La Taylor					
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	28.3	13.9	7.4	14.3	14.8	2.7	2.9	8.6	7.1	1240	100.0

5709 FREQ. AIR TEMPAS. WIND DIR. JAN. 68

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WIND DIRECTION

12926 CORPUS CHRISTI, TEXAS JAN 1973-DEC 1977 FEBRUARY ALL
STATION NAME WIND DIRECTION

					WIND DIE	ECTION					-
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	wzz wz &	wsw & w	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86						100.0				1	.1
77 TO 81	9.4	3.1		53.1	31.3			3.1		32	2.8
72 TO 76	6.1		5.1	50.0	34.7			4.1		98	8.7
67 TO 71	4.7	3.9	5.2	45.8	30.9	1.3	.4	6.0	.9	233	20.7
62 TO 66	13.6	9.1	10.2	30.7	34.7 30.9 26.5 13.8	1.1	1.9	4.5	2.3	264	23.4
57 TO 61	30.6	15.6	10.6	12.5	13.8	2.5	1.3	5.6	7.5	160	14.2
52 TO 56	32.9	24.9	14.5	5.2	7.5	2.3	1.2	5.8	5.8	173	15.3
47 TO 51	32.7	20.4	9.2	3.1	5.1	8.2	10.2	4.1	7.1	98	8.7
42 TO 46	42.0	14.0	4.0		2.0	6.0	6.0	16.0	10.0	50	4.4
37 TO 41	31.3					25.0	6.3	37.5		16	1.4
32 TO 36	33.3	33.3						33.3		3	.3
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16			1								
7 10 11											
2 TO 6											
-3 TO 1											
-8 TO-4											
-13 TO -9								1			
-18 TO-14											
23 TO-19											
-28 TO-24											
-33 TO-29							-				
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49.	1000								17.00		
58 TO-54											
-59 & LWR											
TOTALS	19.6	11.5	8.6	25.5	20.1	2.7	2.1	6.1	3.7	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

CORPUS CHRISTI, TEXAS JAN 1973-DEC 1977

-					WIND DIR	ECTION	_				
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	was &	wsw & w	WNW 8 NW	CALM	TOTAL FREQ.	% OF
122+											
17 10 121											1
112 TO 116											
07 TO 111											
02 TO 106											
7 TO 101											
92 TO 96											
B7 TO 91	00.0									1	.1
82 TO 86	4.8	4.8		28.6	23.8	4.8	4.8	28.6		21	1.7
77 TO 81	1.8	1.8	11.0	47.7	26.6	.9	1.8	7.3	.9	109	6.8
72 10 76	4.4	6.5	10.6	48.0	27.1	.9	.3	1.2	.9	321	25.9
67 10 71	6.3	9.2	27.2	32.3	19.3	1.0	1.0	2.2	1.7	415	33.5
62 TO 66	16.3	15.3	21.1	26.8	10.5	4.2	.5	3.2	2.1	190	15.3
57 TO 61	40.6	17.7	16.7	3.1	9.4	3.1	3.1	3.1	3.1	96	7.7
52 TO 56	32.7	26.5	5.0	2.0	6.1	2.0	6.2	6.1	14.3	49	4.0
47 TO 51	73.1	7.7		3.8				11.5	3.8	26	2.1
12 TO 46	75.0							25.0		12	1.0
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 10 16											
7 10 11											
2 10 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	12.7	9.9	17.4	32.4	18.8	1.7	1.3	3.6	2.1	1240	100.0

STORF REQ. AIR TEMP. US. WINTERR. JAN. 68

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

12926 CORPUS CHRISTI, TEXAS

JAN 1973-DEC 1977

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5709 FREQ. EST TEMP. VS. WIND DIR. JAR 68

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WIND DIRECTION

					MIND DIE	RECTION					
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	wzz wz &	wsw & w	WNW & NW	CALM	TOTAL FREQ.	% OF
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	33.3	33.3		33.3						3	.3
82 TO 86	7.6	6.1	9.1	60.6	15.2			1.5		66	5.5
77 TO 81	3.4	6.8	14.7	61.1	12.5	. 8		.4	.4	265	22.1
72 TO 76	4.9	5.1	16.6	53.3	15.7	.4		3.1	.9	452	37.7
67 10 71	12.3	13.1	29.6	23.8	10.4	.4	1.2	4.2	5.0	260	21.7
62 TO 66	29.6	14.3	14.3	17.3	7.1	1.0	6.1	4.1	6.1	98	8.2
57 TO 61	38.6	11.4	13.6	4.5	15.9		6.8	4.5	4.5	44	3.7
52 TO 56	20.0	10.0		10.0	10.0	30.0	10.0		10.0	10	.8
47 TO 51	0.00.									2	.2
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 10 21											
12 10 16											
7 TO 11		1									
2 TO 6											
-3 TO 1											
-8 TO-4											
-13 70 -9											
-18 TO-14								1-1			
-23 TO-19											
-28 TO-24			13								
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR			1								
TOTALS	9.9	8.3	18.1	43.8	13.0	. 8	1.1	2.8	2.3	1200	100.0

WIND DIRECTION

12926 STATION CORPUS CHRISTI, TEXAS JAN 1973-DEC 1977 MAY

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S709 FREQ. AIR TEMENS. WIND DIR. JAN. 68

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	NNW	NNE	ENE	ESE	SSE	ssw	wsw	www		TOTAL	% OF
TEMP.	& N	& NE	& E	& SE	8.5	& SW	8 W	& NW	CALM	FREQ.	TOTAL
122+											
17 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			33.3		33,3			33.3		3	.2
67 TO 91	4.3	10.0	8.6	60.0	17.1					. 70	5.6
82 TO 86	3.3	6.2	16.3	55.6	16,3	.3	.3	1.3	.3	306	24.7
77 TO 81	3.7	5.1	16.3	47.3	23.2	.4	. 8	1.0	2.2	509	41.0
72 TO 76	11.7	10.9	17.6	28.1	19.1	. 8	1.6	4.7	5.5	256	20.6
57 TO 71	40.3	6.5	9.1	16.9	13.0	1.3	3.9	2.6	6.5	77	6.2
52 TO 66	33.3	13.3			6.7	13.3	26.7	6.7		15	1.2
57 TO 61						50.0	50.0			4	.3
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16											
7 10 11											
2 10 6					-						
-3 TO 1		-		-		-	-				-
-8 TO-4		8			-			-			-
-13 TO -9			-		-		-	-			
-18 TO-14		-	-		-	-		-			-
-23 TO-19					-			-			-
-28 TO-24		-		-	-	-		-			-
-33 TO-29		-	,		1	-					
-38 TO−34		-	1	-	-						-
-43 TO-39		-	1		-	-					-
-48 TO-44			-		-	-	-				-
-53 TO-49			-								-
-58 TO-54			10	-	-	-					-
-59 & LWR						The state of the s				1240	

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

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5709 FREQ. AIR TEMP. VS. WINDDIR.

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WIND DIRECTION

JAN 1973-DEC 1977 12926 STATION CURPUS CHRISTI, TEXAS JUNE

			,		WIND DIE	RECTION					
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	wz &	wsw & w	WNW & NW	CALM	TOTAL	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101					-			100.0		1	.1
92 TO 96		26.7	6.7	33.3	20.0			6.7	6.7	15	1.3
87 TO 91	.7	5.2	15.3	55.0	22.5	.3			1.0	307	25.6
82 TO 86	2.9	4.7	11.9	55.0	22,3	1.6	.9	.7		444	37.0
77 TO 81	4.4	6.7	18.6	35.6	23.6	1.9	2.5	1.4	5.3	360	30.0
72 TO 76	19.4	9.0	17.9	16.4	6.0	4.5	9.0	3.0	14.9	67	5.6
67 TO 71		16.7		16.7	16.7	16.7	16.7		16.7	6	.5
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 10 46										4-	
37 TO 41											
32 10 36											
27 TO 31											
22 10 26											
17 10 21											
12 TO 16			R								
7 10 11											
2 10 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											1
-48 TO-44			1								
-53 TO-49				7							
-58 TO-54											
-59 & LWR											
TOTALS	3.7	6.0	15.0	46.5	21.8	1.6	1.7	1.0	2.8	1500	100.0

WIND DIRECTION

CORPUS CHRISTI, TEXAS

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JAN 1973-DEC 1977

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5709 FREQ. AIR TEMP. VS. WIND DIR.

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TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	\$\$E & \$	SSW & SW	wsw & w	WNW & NW	CALM	TOTAL FREQ.	% OF
122+			<u> </u>	+	+	1	- "	+		· · · · ·	1014
117 10 121							-	+	 		+
112 TO 116								 			+
107 TO 111			1		†						
102 TO 106					1				1		1
97 TO 101								1			
92 10 96		1.4	8.1	67.6	21.6				1.4	74	6.0
87 TO 91	.5	2.5	10.4	61.6	23.0	1.6			.3	365	29.4
82 TO 86	1.1	1.3	7.7	47.9	39.1	1.3	.6	.2	.9	468	37.7
77 TO 81	1.6	3.2	8.7	33.9	23.0 39.1 37.4	4.5	2.3		8.4	310	25.0
72 TO 76		8.7	4.3	17.4	21.7	17.4	4.3	13.0	13.0	23	1.9
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36						1					
27 TO 31											
22 TO 26											
17 10 21											
12 10 16											
7 10 11											
2 10 6											
-3 TO 1											
-8 TO-4											
-13 TO -9						200					
-18 TO-14					1	-					
-23 TO-19				-	-	-					-
-28 TO-24					-			-			-
-33 TO-29					-						-
-38 TO-34			-	-	-	-					
-43 TO-39			-	-	-			-	-		-
-48 TO-44			-	-	-	-		-			-
-53 TO-49			-	-		-		-	-		
-58 TO-54			-	-	+	-		-	-	•	-
-59 & LWR	1.0	2.3	8.7	49.0	32.6	2.4	.9	.3	2.8	1240	

VS. WIND DIRECTION

12926 CORPUS CHRISTI, TEXAS

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JAN 1973-DEC 1977

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STORMEQ. AIR TEMP. VS. WIND DIR.

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JAN. 68

WIND DIRECTION TOTAL % OF NNE ENE ESE SSE ssw wsw WNW TEMP. CALM & NE & SE FREQ. TOTAL 122+ 117 TO 121 112 TO 116 107 TO 111 102 TO 106 97 TO 101 12.1 19.4 16.9 14.9 8.3 18.7 22.3 32.4 28.5 8.3 107 319 509 281 8.6 25.7 41.0 22.7 92 TO 96 4.7 63.5 3.1 1.4 5.3 4.2 6.9 5.1 5.3 3.5 45.5 87 TO 91 36.5 .8 1.4 4.2 3.1 4.6 82 TO 86 77 TO 81 6.4 25.0 20.8 4.2 8.3 16.7 72 10 76 67 TO 71 62 TO 66 57 TO 61 52 TO 56 47 TO 51 42 TO 46 37 TO 41 32 TO 36 27 TO 31 22 TO 26 17 TO 21 12 TO 16 7 TO 11 2 TO 6 -3 TO 1 -8 TO-4 -13 TO -9 -18 TO-14 -23 TO-19 -28 TO-24 -33 TO-29 -38 TO-34 -43 TO-39 -48 TO-44 -53 TO-49 -58 TO-54 -59 & LWR 1240 100.0 5.6 16.5 36.5 27.3 2.7 .9 5.2 1.6 TOTALS

VS.

CORPUS CHRISTI, TEXAS

JAN 1973-DEC 1977

SEPTEMBER

5709 FREQUENT TEMP. VS. WIND DIR. JAN. 68

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		STATION	NAME				YEAR	5		MON	тн
					WIND DIR	ECTION					
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	wz &	wsw & w	WNW & NW	CALM	TOTAL FREQ.	% OF
122+											
117 TO 121											
112 TO 116											
107 TO 11.1											
102 TO 106											
97 TO 101		33.3	33.3	33.3						3	.3
92 TO 96	2.5		12.5	37.5	42,5			2.5	2.5	40	3.3
87 TO 91	1.7	10.7	19.2	42.3	16.2	3.8	2.6	. 9	2.6	234	19.5
82 TO 86	7.1	8.4	18.8	32.5	26.3	2.9	.9	1.3	1.8	452	37.7
77 TO 81	15.8	13.8	14.5	12.5	14.5	4.9	4.6	7.2	12.2	304	25.3
72 TO 76	28.3	30.1	7.1	5.3	3,5	4.4	4.4	8.8	8 + 0	113	9.4
67 TO 71	52.1	14.6	2.1	2.1	2,1	2.1	10.4	2.1	12.5	48	4.0
62 TO 66	33.3						33.3	33.3		6	.5
57 TO 61											
52 TO 56											
47 TO 51.											
42 TO 46											
37 TO 41										1 -	
32 TO 36											
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16											
7 TO 11											
2 10 6											
-3 TO 1											
-8 TO-4											
-13 TO -9			- 6								
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO−34											-
-43 TO-39											1
-48 TO-44		-						-	1		
-53 TO-49											-
-58 TO-54											
-59 & LWR				-			-				
TOTALS	12.0	12.3	15.8	25.6	18.6	3.6	3.0	3.7	5.6	1500	100.0

WIND DIRECTION

2926 CORPUS CHRISTI, TEXAS

JAN 1973-DEC 1977

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WIND DIRECTION NNE ESE SSE ssw TOTAL wsw TEMP. TOTAL 122+ 117 TO 121 112 TO 116 107 TO 111 102 TO 106 25.0 25.0 92 TO 96 50.0 33.3 19.4 14.5 11.5 1.6 4.4 2.5 19.6 51 47.1 4.1 8.0 11.7 82 TO 86 2.6 28.4 39.5 4.8 352 1.1 77 10 81 5.3 13.4 19.7 10.2 305 24.6 1.0 72 TO 76 7.4 67 TO 71 38.9 15.3 8.9 5.3 14.7 190 15.3 4.4 2.9 17.5 19.1 11.8 68 5.5 35.3 62 TO 66 57 TO 61 50.0 52 TO 56 33.3 12.5 2.5 2.5 5.0 40 3.2 23,3 30 2.4 10.0 10.0 33.3 33.3 .2 33.3 47 TO 51 42 10 46 100.0 37 TO 41 32 TO 36 27 10 31 22 TO 26 17 TO 21 12 TO 16 7 10 11 2 10 6 -3 TO 1 -13 TO -9 -28 TO-24 -33 TO-29 -38 TO-34 -43 TO-39 -48 TO-44 -99 & LWR TOTALS 17.4 13.1 15.1 26.5 12.1 2.0 2.6 4.3 7.0 1240 100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

CORPUS CHRISTI, TEXAS 12926 STATION

JAN 1973-DEC 1977

NOVEMBER

STORTE Q. AIR TEMP. VS. WINCER. JAN. 68

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		STATION	NAME				YEAR	s		MON	гн
					WIND DIR	ECTION					
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	wsw & w	WNW & NW	CALM	TOTAL FREQ.	% OF
122+											
117 TO 121											
112 TO 116											1.
107 TO 111										,	
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	1.6	4.7	7.8	43.8	31.3	9.4	1.6			64	5.3
77 10 81	1.1	5.9	4.3	49.2	31.9	2.7		3.2	1.6	185	15.4
72 10 76	6.0	6.0	11.1	37.0	29.4	2.1	. 4	4.3	3.8	235	19.6
67 TO 71	25.0	14.5	11.0	12.3	20.2	1.3	2.6	3.9	9.2	228	19.0
62 TO 66	34.0	14.8	6.8	7.4	9,3	3.7	3.7	8.6	11.7	162	13,5
57 TO 61	44.1	17.6	5.9	3.7	4.4	3.7	2.9	10.3	7.4	136	11.3
52 TO 56	51.8	21.2	2.4	1.2	1.2	3.5	4.7	5.9	8.2	85	7.1
47 TO 51	46.2	28.8	3.8		1.9			9.6	9.6	52	4.3
42 TO 46	36.0	48.0						4.0	12.0	25	2.1
37 10 41	57.9	21.1						10.5	10.5	19	1.6
32 TO 36	00.0				(C					8	.7
27 TO 31	00.0									1	.1
22 TO 26											
17 10 21											
12 10 16											
7 10 11											
2 10 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19	line .										
-28 TO-24		-						-	1		-
-33 TO-29							-	-	-		
-38 TO-34											-
-43 TO-39		-					-		1		
-48 TO-44		-			-		-				
-53 TO-49											
-58 TO-54		-					-				
-59 & LWR	23.8	13.2	7.3	21.0	111	2.8	1.	5.5	6.6	1200	100 0
TOTALS	25.0	13.6	1.0	21.0	18,1	2.0	1.8	2.3	0.0	1500	100.0

WIND DIRECTION

CORPUS CHRISTI, TEXAS 12926 STATION

JAN 1973-DEC 1977

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TEMP. VS. N

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WIND. DIRECTION TOTAL % OF TEMP. CALM & NW FREQ. TOTAL & N & NE & SW & SE 122+ 117 TO 121 112 TO 116 107 TO 111 102 TO 106 97 TO 101 92 10 96 87 TO 91 100.0 66.7 45.7 48.6 82 TO 86 33.3 3.7 2.2 2.9 7.3 1.9 3.8 46 6.5 34.8 4.3 77 TO 81 1.9 105 1.9 36.2 1.9 72 10 76 1.0 6.3 25.8 4.2 2.1 4.2 192 6.3 19.3 15.5 67 10 71 9.4 5.2 213 207 14.1 17.2 3.3 8.9 13.6 62 10 66 18.8 7.7 6,8 24.6 3.9 1.0 11.1 57 10 61 31.9 5.5 4.6 3.3 7.6 2.3 6.7 7.6 17.6 18.8 1.4 9.6 8.7 218 52 TO 56 43.1 14.7 6,0 3,8 150 7.3 15.0 1.3 47 TO 51 44.0 12.1 21.7 1.9 6.3 54.4 42 TO 46 8.7 4.3 13.0 21.7 23 37 10 41 30.4 .2 32 10 36 100.0 100.0 27 10 31 22 TO 26 17 10 21 12 10 16 7 10 11 2 10 6 -3 TO 1 -8 TO-4 -13 TO -9 -18 TO-14 -23 TO-19 -28 TO-24 -33 TO-29 -38 TO-34 -43 TO-39 -45 TO-44 -53 TO-49 -59 & LWR 20.6 1240 100.0 TOTALS 26.9 10.7 3.0

VS.

WIND DIRECTION

12926 CORPUS CHRISTI, TEXAS JAN 1973-DEC 1977 ALL ALL
STATION STATION NAME WIND DIRECTION
WIND DIRECTION

					WIND DIR	ECTION	4				
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	wez we &	wsw & w	wnw & nw	CALM	TOTAL FREQ.	% OF
122+											
17 10 121											
12 TO 116											
07 TO 111											
102 TO 106											
7 TO 101		25.0	25.0	25.0				25.0		4	.0
2 10 96	.4	4.1	11.1	57.2	24.3	.4		1.2	1.2	243	1.7
37 TO 91	1.6	5.9	15.4	52.2	21.5	1.9	.4	.3	.7	1351	9.2
82 TO 86	3.6	5.6	14.1	44.9	27.3	1.8	.6	1.0	1.2	2530	17.3
7 TO 81	5.5	7.1	13.8	37.7	23.6	2.4	1.9	2.3	5.7	2771	19.0
2 10 76	9.1	8.6	13.5	36.6	20.9	1.6	1.6	3.9	4.4	2051	14.0
57 10 71	15.3	9.9	15.7	24.9	20.9	1.7	2.3	4.2	5.1	1792	12.3
62 TO 66	19.5	12.9	10.7	19.9	19.2	3.5	3.0	5.3	6.0	1217	8.3
57 TO 61	33.3	18.6	10.7	7.2	8.5	3.3	2.9	6.8	8.7	884	6.1
52 10 56	38.1	20.9	7.5	4.0	5.6	3.5	3.2	8.2	8.9	771	5.3
47 TO 51	43.8	15.9	3.8	1.8	5.0	3.8	6.0	11.4	8.6	502	3.4
42 TO 46	52.3	17.0	1.1	.7	3.9	3.9	4.6	9.9	6.7	283	1.9
37 TO 41	47.3	21.2	2.1		2.7	6.2	3.4	13.7	3.4	146	1.0
32 TO 36	58.3	6.3		2.1	2.1	4.2	6.3	20.8		48	.3
27 10 31	60.0					6.7		33.3		15	.1
22 TO 26											
17 10 21											
12 10 16											
7 TO 11									7.0		
2 10 6		A THE REAL PROPERTY.									
-3 TO 1								1			
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24								Mark Com			
-33 TO-29											
-38 TO-34						0.00					
-43 TO-39											
-48 TO-44							1.000				
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	13.9	9.8	12.6	31.3	19.8	2.3	2.0	3.8	4.5	14608	100.0

S709 FREG. AIR TEMATES. WIND DIR. JAN. 68

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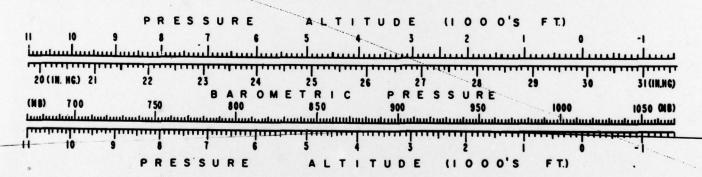
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

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MEANS AND STANDARD DEVIATIONS

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STATION PRESSURE IN INCHES HE FROM HOURLY DESERVATIONS

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CORPUS CHRISTI, TEXAS

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IRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ANNUAL
	MEAN	30.111	30-087	29.919	29.961	29.8852	9,922	0.000	9.961	29.950	30.045	30.067	0.100	30.002
00	S. D.	.199	.193	.164	.180	.134	.101	.058	,052	.092	130	.182	,186	.169
••	TOTAL OBS	155	141		150	155	150	155	133	150			155	1826
	MEAN	20 -00		20 004			0'001			20 039	10 027	0.049	000	29,981
	MEAN	30,098					A . AOT	2.700	41400					
03	S. D.	.199	.197	.162			.098	.059	,051	150		150	155	1826
	TOTAL OBS	155	141	155	150	155	150	155	155	130	100	190	133	1050
	MEAN	30,095	30.070	29.903	29.946	29.873	9.914	29.992	9,975	19.944	30,040	0,059	10,083	29,991
06	S. D.	.197	.192	.165	.180	.133	.098	.061	,053	.097	1133	1186	.188	,165
	TOTAL OBS	155	141	155	150	155	150	155	155			120	155	1826
	MEAN	30.147	10.120	29.052	20.001	9.90	9 950	10-0269	0.010	20.078	30.083	108	10.127	30.033
09	S. D.		.193		181	137	097	.061	,053	.098	133	.186	191	,168
0.	TOTAL OBS	155	141	155	150		150	155	155				155	1826
	TOTALOUS	122	174	133	130	199	130	100	***	100	•••	120		1000
	MEAN	30,141							04070	49,975	90,074	0,096		30,029
12	S. D.	.200	,194		T. 507 (10)		.098	.063	1053	,099			190	,166
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
	MEAN	30.070	0.049	29.878	29.933	29.864	9.914	9.990	9.904	29.921	90.017	0,036	0.049	29,973
15	S. D.	+05.	.194	7 4 4 4 1	.180		.101	.064	1052	.097			.190	.105
	TOTAL OBS	155	141		150		150	155	155				155	1826
	MEAN	30.075	20.041	20 048		20 897	0' 804	9 940	0.047	20.011	30-014	0,040	0.053	29,961
	S. D.				and the same of the same of	Contract of the second	5 A # 70 19 11 11	7 7 T T T T T T T T T T T T T T T T T T					.186	
18	TOTAL OBS	.204	.194	.168	.179	.136	.101	.063	1054	.097		150	155	1826
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	130	133	Tore
	MEAN	30.108			29,952	29,872		9.981	9,900			90,075	0,088	29,993
21	S. D.	.205	.192	.164	.177	.134	.099	.057	1027	.095	1138	V100	+184	.168
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1950
	MEAN	30,106	10-079	29.908	29.952	29.875	9.918	9.995	9.977	29.944	30.043	30.066	0.087	29,995
ALL	S. D.	.202	.195		.181		101	.065	057	099	.134	.187	,189	.168
HOURS	TOTAL OBS	1240	1128				1200	1240	1246	1200	1240	1500	1240	14608

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY DESERVATIONS

12926	CORPUS CHRISTI, TEXAS						73-	77							
STATION	STATION NAME					YEARS									
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00	MEAN S. D. TOTAL OBS	1020-3 6,743 155	6.539	1013.8 5.533 155	1015.2 6.088 150	4.526	3,410	1.966	1,730	3,126	4,382	6,169	6,270	1016. 5.58 182	
03	MEAN S. D. TOTAL OBS	1019.9 6,723 155	6,675	1013.0 5.486 155	6.121	4.469	3,317	1,994	1,726	3,256	4,434	6,330	6,257	1015, 5,65 182	
06	MEAN S. D. TOTAL OBS	1019.7 6.671 155	6.480	1013.2 5.575 155	6.093	4.508	3.304	2.052	1,750	3,273	4,505	6,276	6,369	1016, 5,59 182	
09	MEAN S. D. TOTAL OBS	1021.5 6,731 155	6.518	1014.9 5.649 155	6.120	4,625	3,314	2.074	1,813	3,310	4,513	6,304	6,437	1017	
12	S. D. TOTAL OBS	1021.3 6.779 155	6,546	1014.8 5.696 155	6.106	4,592	3,323	2.085	1,822	3,343	4,515	6,296	6,415	1017, 5,67	
15	MEAN S. D. TOTAL OBS	1018.9 6.870 155	6.573	1012.4 5.739 155	6.090	4.613	3.429	2.139	1,772	3.301	4,507	0,270	6,425	1015,	
16	MEAN S. D. TOTAL OBS	1019.1 6,932 155	6,565	1011.9 5.686 155	6.061	4.604	3,431	2.103	1,610	3,201	4,447	6,306	6,330	1015,	
21	MEAN S. D. TOTAL OBS	1020.2 6,968 155	6.528	1013.2 5.553 155	5,999	4.528	3,375	1.939	1,730	3,227	4,482	0,355	6,234	1016,	
ALL HOURS	MEAN S. D. TOTAL OBS	1020-1	6,603	1013.4 5.685 1240	6.125	4.611	3.431	2,169	1015.7	3,341	1018,0	1018,8	1019,5 6,385	1016,	

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